# ГOSHIBA

# 48C51:PJ48

(TAC9390)

(TAC9390)

(TAC9390)

# **SPECIFICATIONS**

TELEVISION SYSTEM:

**CHANNEL COVERAGE:** 

NTSC standard

VHF; 2 through 13 UHF; 14 through 69

Cable TV; mid band (A-1 through A-8, A through I)

super band (J through W)

hyper band (AA through ZZ, AAA, BBB) ultra band (65 through 94, 100 through 125)

POWER SOURCE:

POWER CONSUMPTION:

**AUDIO POWER:** 

SPEAKER TYPE:

VIDEO/AUDIO TERMINALS:

120V AC, 60Hz

254W (average)

14 watts + 14 watts

Two 6-1/4" (160 mm)

S-VIDEO INPUT (VIDEO 1/VIDEO 3)

Y-INPUT: 1Vp-p, 75 ohm, negative sync. C-INPUT: 0.3Vp-p (burst signal), 75 ohm

VIDEO 1 / VIDEO 2 / VIDEO 3 INPUT VIDEO: 1Vp-p, 75 ohm, negative sync.

AUDIO: 150mVrms. (30% modulation, 47k ohm)

AUDIO / VIDEO OUTPUT

VIDEO: 1Vp-p, 75 ohm, negative sync.

AUDIO: 150mVrms. (30% modulation, 4.7k ohm)

VARIABLE AUDIO OUTPUT

0~350mVrms. (30% modulation, 4.7k ohm)

**EXTERNAL SPEAKER TERMINALS** 

Accept speakers of impedance 8 ohm, input power 14W or greater

**DIMENSIONS:** 

Width ......41-7/16" (1052 mm) Height .....52-1/8" (1324 mm) Depth .....19-5/8" (499 mm)

WEIGHT:

SUPPLIED ACCESSORIES:

220 lbs (100 kg)

1. Remote Control Unit with 4 size "AAA" batteries

2. Antenna adapter

### X-RAY RADIATION PRECAUTION

- 1. Excessive high voltage can produce potentially hazardous X-RAY RADIATION. To avoid such hazards, the high voltage must not be above the specified limit. The nominal value of the high voltage of this receiver is 31.5 kV at zero beam current (minimum brightness) under a 120V AC power source. The high voltage must not, under any circumstances, exceed 32.0 kV. Each time a receiver requires servicing, the high voltage should be checked following the HIGH VOLTAGE CHECK procedure in this manual. It is recommended that the reading of the high voltage be recorded as a part of the service record. It is
- voltage meter.

  2. This receiver is equipped with a Fail Safe (FS) circuit which prevents the receiver from producing

important to use an accurate and reliable high

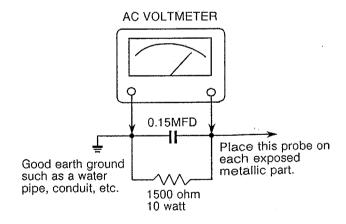
- an excessively high voltage even if the B+ voltage increases abnormally. Each time the receiver is serviced, the FS circuit must be checked to determine that the circuit is properly functioning, following the FS CIRCUIT CHECK procedure in this manual.
- The only source of X-RAY RADIATION in this TV receiver is the picture tube. For continued X-RAY RADIATION protection, the replacement tube must be exactly the same type tube as specified in the parts list.
- 4. Some part in this receiver have special safetyrelated characteristics for X-RAY RADIATION protection. For continued safety, parts replacement should be undertaken only after referring to the PRODUCT SAFETY NOTICE below.

### SAFETY PRECAUTION

WARNING: Service should not be attempted by anyone unfamiliar with the necessary precautions on this receiver. The following are the necessary precautions to be observed before servicing this chassis.

- An isolation Transformer should be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
- Always discharge the picture tube anode to the CRT conductive coating before handling the picture tube. The picture tube is highly evacuated and if broken, glass fragments will be violently expelled. Use shatter proof goggles and keep picture tube away from the unprotected body while handling.
- When replacing a chassis in the cabinet, always be certain that all the protective devices are put back in place, such as; non-metallic control knobs, insulating covers, shields, isolation resistorcapacitor network etc.
- 4. Before returning the set to the customer, always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as antennas, terminals, screwheads, metal overlays, control shafts etc. to be sure the set is safe to operate without danger of electrical shock. Plug the AC line cord directly into a 120V AC outlet (do not use a line isolation transformer during this check). Use an AC voltmeter having 5000 ohms per volt or more sensitivity in the following manner:

Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 mfd, AC type capacitor, between a known good earth ground (water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of 1500 ohm resistor and 0.15 mfd capacitor. Reverse the AC plug at the AC outlet and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.3 volts RMS. This corresponds to 0.2 milliamp. AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.



### PRODUCT SAFETY NOTICE

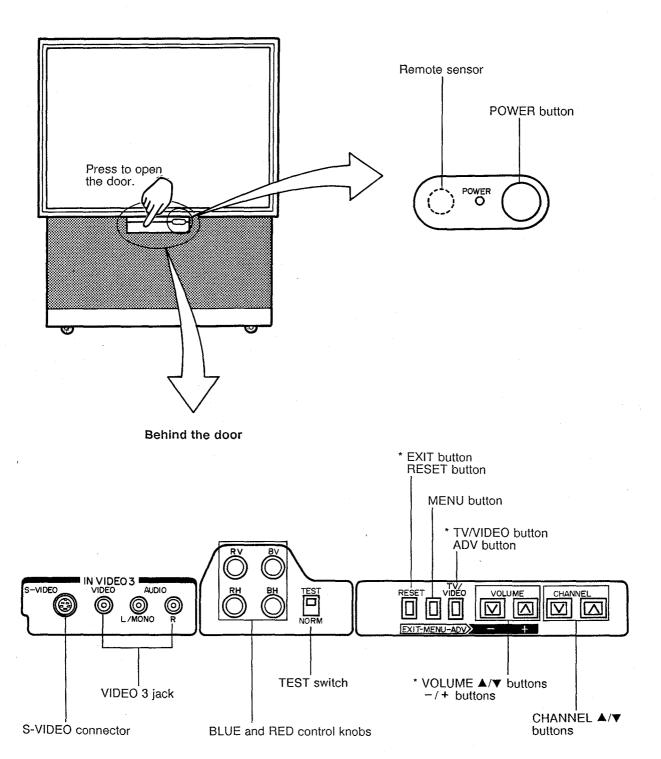
Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the international hazard symbols on the schematic diagram and the parts list.

Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire, X-ray radiation or other hazards.

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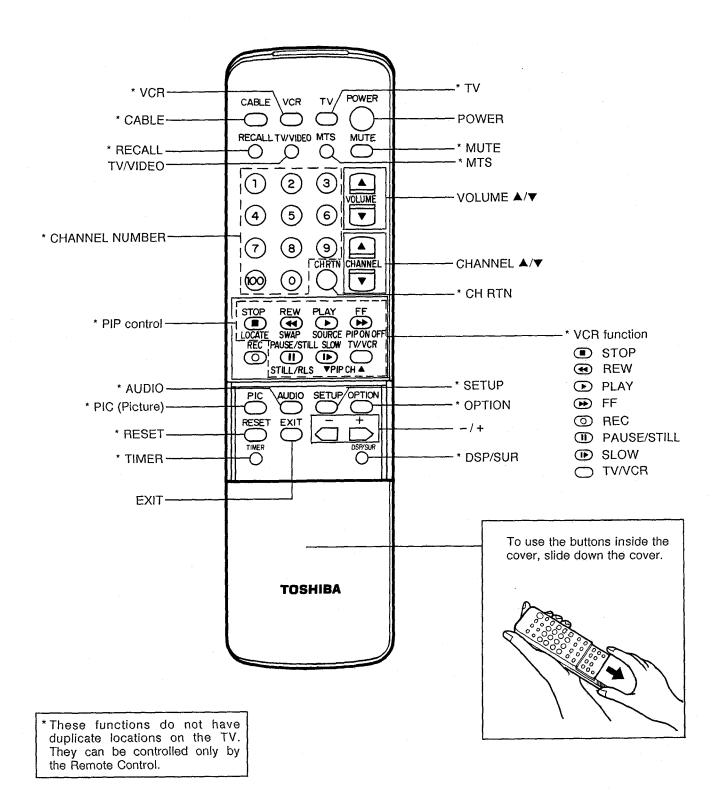
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# LOCATION OF CONTROLS



<sup>\*</sup> These buttons have dual functions.

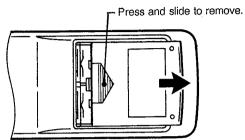
### REMOTE CONTROL UNIT



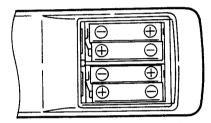
### USING THE REMOTE CONTROL

### **BATTERY INSTALLATION**

 Place the Remote Control face down and remove the battery cover.



 Insert four "AAA" size batteries, matching the + and signs on each battery with the + and - signs of the battery compartment.



3. Slide the battery cover shut until the lock snaps.

### CAUTION:

- Do not throw your batteries into a fire. Dispose of your batteries in a designated disposal area.
- Do not combine used batteries with new ones.
- Do not mix battery types.

### TO CONTROL EQUIPMENT

To control	First press	You can use
TV	TV button	all the buttons except CABLE, VCR, REC buttons.
VCR	VCR button	<ul> <li>POWER button</li> <li>CHANNEL ▲/▼ buttons</li> <li>CHANNEL NUMBER buttons</li> <li>VCR function buttons</li> </ul>
Cable TV Converter	CABLE button	<ul> <li>POWER button</li> <li>CHANNEL ▲/▼ buttons</li> <li>CHANNEL NUMBER buttons</li> </ul>

- This Remote Control may have functions not available on the original remote control.
   These functions may or may not operate with your VCR or cable TV converter. Refer to the owner's manuals supplied with the equipment to see which functions are available.
- The VOLUME ▲/▼ and MUTE buttons always control the TV regardless of the CABLE, VCR or TV button position. When using these buttons, aim the Remote Control at the TV.
  If your cable TV converter has a volume control, adjust it for maximum volume level. Then adjust the volume using the VOLUME ▲/▼ buttons on this Remote Control.

### TIPS FOR BEST OPERATION

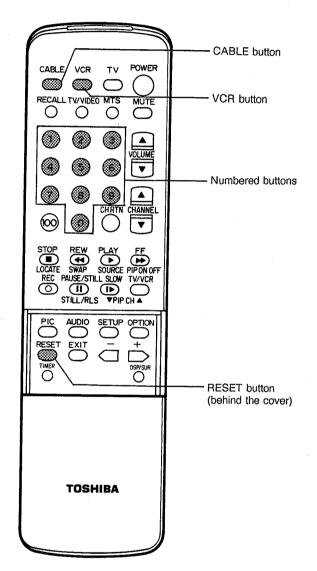
- For optimum performance, aim the Remote Control directly at the TV it is being used to operate and be sure there is no obstruction between the Remote Control and the TV.
- The battery life should be about one year under normal use.
- When the remote control will not be used for a long period of time or when the batteries are worn out, remove the batteries to prevent leakage.
- Do not drop, dampen or disassemble the Remote Control

# PROGRAMMING THE REMOTE CONTROL UNIT

### TO PROGRAM THE REMOTE CONTROL

Before using this Remote Control, it must be programmed to recognize the brands of the VCR and the cable TV converter box it will be used to operate.

If you are using a TOSHIBA VCR, it has already been programmed. If not, follow the steps below.



- Refer to the "VCR CODE TABLE" (or "CABLE TV CONVERTER CODE TABLE") on the next page to find the code number that corresponds to the brand name of your VCR (or your converter).
   If more than one number is listed, try each one separately until you find the one that works.
- 2. Press VCR (of CABLE).
- 3. Press RESET.
- Press (within three seconds of pressing the RESET button) CHANNEL NUMBER for the two digit code number for your brand of VCR (or converter) to enter the code number.
- 5. Point the Remote Control at the VCR (or at the converter) and press POWER to test the code number.
  - If the right number was entered, the VCR should turn on.
  - If the VCR does not react to the Remote Control, repeat steps 1 through 5 with another code number.

For future reference, write the code you set.
VCR CODE:
CABLE CODE:

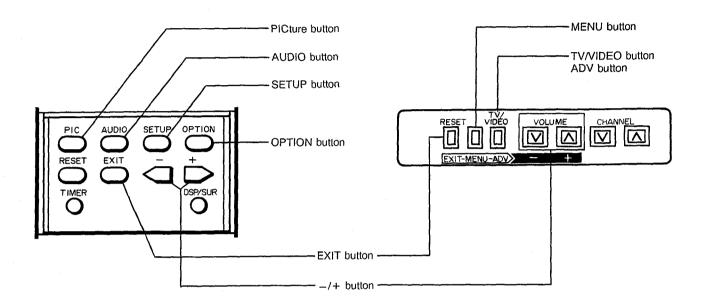
Note: You have to reprogram the Remote Control when you change its batteries.

VCR CODE TABLE			
BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER
AIWA	15	NEC	02, 14, 16, 30
AKAI		PANASONIC	08
AUDIO DYNAMICS	14, 16	PENTAX	05
BROCKSONIC	10	PHILCO	08, 29
CANON		PHILIPS	08, 29
CAPEHART	01	PIONEER	05
CITIZEN	09	QUASAR	08
CRAIG	12	RCA	00, 05, 07, 28, 35, 37
CURTIS MATHES	00, 08, 15	REALISTIC	
DBX	14, 16	SAMSUNG	
EMERSON	10, 20, 34	SANYO	
FISHER	12, 18, 19	SCOTT	
FUNAI	15	SEARS	02, 05, 18, 19
GE	00, 07, 08, 32	SHARP	06, 24
GOLDSTAR	09	SHINTOM	31
HITACHI	05, 35, 36	SONY	17, 26, 38
INSTANT REPLAY	08	SYLVANIA	
JC PENNEY	02, 05, 08, 14, 16, 30	SYMPHONIC	15
JVC	02, 14, 16, 30	TASHIKO	
KENWOOD	02, 14, 16, 30	TATUNG	
MAGNAVOX	08, 29	TEAC	15, 30
MARANTZ	02, 14, 16, 29, 30	TECHNICS	08
MARTA	09	TEKNIKA	21
MEMOREX	08, 12	TOSHIBA	13
MGA	04, 27	VECTOR RESEARCH	
MINOLTA	05	VIDEO CONCEPTS	
MITSUBISHI	04, 27	WARDS	
MONTGOMERY WARD	06	YAMAHA	02, 14, 16, 30
MULTITECH	07, 15, 32	ZENITH	

CABLE TV CONVERTER CODE TABLE			
BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER
ANVISION		PHILIPS	07, 08, 19, 26, 28, 29
CABLESTAR			32, 33, 40, 41
EAGLE	08	PIONEER	18, 20
EASTERN INT	02	RANDTEK	07, 08
GENERAL INSTRUMENT	. 04, 05, 15, 23, 24, 25	RCA	27
	30, 36	REGENCY	02
HAMLIN	12, 13, 34	SCIENTIFIC ATLANTA	03, 22
JERROLD		SYLVANIA	11
	30, 36	TEKNIKA	
MACOM	37, 43	TEXSCAN	
MAGNAVOX	07, 08, 19, 26, 28, 29	TOCOM	
	32, 33, 40, 41	UNIKA	
NSC	09	VIEWSTAR	07, 08, 28, 32, 41
OAK		ZENITH	

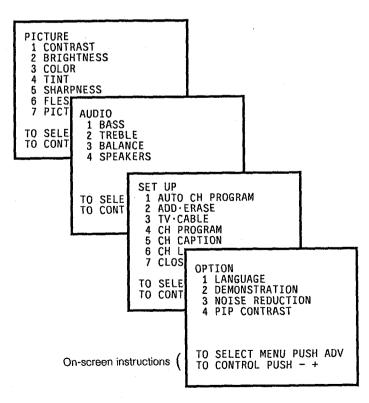
### MENU FUNCTION (General Instructions)

We suggest you familiarize yourself with the procedure before using the Menu function. To adjust any TV feature, the use of the Menu function is required. The adjustments that can be made to the TV appears on the screen.



### MENU BUTTON (on TV)

Each time you press the button, the PICTURE, AUDIO SET UP or OPTION menu on-screen display is selected in order, then press the ADV button.



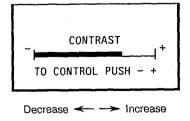
### ADV BUTTON (on TV)

Use this button after you have pressed the MENU button to select the function you want to adjust. Each time you press the button, the function to be adjusted will be selected in the numerical order. The selected function will be displayed in cyan.

### -/+ BUTTONS (on TV and on Remote)

Use these buttons after you have pressed the ADV button or any of the four menu buttons (PICTURE, AUDIO, SETUP or OPTION).

< Example: CONTRAST adjustment mode display >



Pressing the + button increases the picture contrast. Pressing the - button decreases the picture contrast.

### **PICTURE BUTTON (on Remote)**

Press the button repeatedly until the PICTURE menu function you want to adjust is selected.

The numbered buttons (1-7) can also be used to direct select function.

The selected function will be displayed in cyan.

Then press the - or + button to adjust the setting.

```
PICTURE
1 CONTRAST
    BRIGHTNESS
COLOR
 3
    TINT
    SHARPNESS
 5
    FLESH TONE
PICTURE PREFERENCE
TO SELECT MENU
PUSH PIC OR 1-7
TO CONTROL PUSH - +
```

### **SETUP BUTTON (on Remote)**

Press the button repeatedly until the SET UP menu function you want to adjust is selected.

The numbered buttons (1-7) can also be used to direct select function.

The selected function will be displayed in cyan.

Then press the - or + button to adjust the setting.

```
SET UP
    AUTO CH PROGRAM
     ADD · ERASE
TV · CABLE
     CH PROGRAM
 5 CH CAPTION
     CH LOCK
7 CLOSED CAPTION
TO SELECT MENU
PUSH SET UP OR 1-7
TO CONTROL PUSH - +
```

### **AUDIO BUTTON (on Remote)**

Press the button repeatedly until the AUDIO menu function you want to adjust is selected.

The numbered buttons (1-4) can also be used to direct select function.

The selected function will be displayed in cyan.

Then press the - or + button to adjust the setting.

```
AUDIO
 1 BASS
2 TREB
    BALANCE
 4 SPEAKERS
TO SELECT MENU
PUSH AUD OR 1-4
TO CONTROL PUSH - +
```

### **OPTION BUTTON (on Remote)**

Press the button repeatedly until the OPTION menu function you want to adjust is selected.

The numbered buttons (1-4) can also be used to direct select function.

The selected function will be displayed in cyan.

Then press the - or + button to adjust the setting.

```
OPTION
  1 LANGUAGE
  2 DEMONSTRATION
3 NOISE REDUCTION
4 PIP CONTRAST
TO SELECT MENU
PUSH OPTION OR 1-4
TO CONTROL PUSH - +
```

### **EXIT BUTTON (on TV and on Remote)**

The above four menu displays will automatically disappear from the screen if no control has been operated for about 15 seconds, and all other menu displays also disappear after about 6 seconds. If you want to clear the screen of all on-screen displays instantly, press this button.

### Notes:

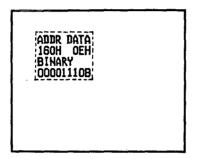
- •The ADV button on the TV set functions as the TV/VIDEO button when no menu display is on the screen.
- •The -/+ buttons on the TV set function as the VOLUME ▲/▼ buttons when no menu display is on the screen.
- •The EXIT button on the TV set functions as the RESET button when there is no on-screen display.

### SERVICE MODE AND ADJUSTMENTS

After replacing ICA02 (E2PROM), adjustment in SERVICE MODE is required.

### 1. ENTERING TO SERVICE MODE

- 1. Press MUTE button once on remote control unit.
- 2. Press again MUTE button to keep pressing.
- 3. Keep pressing the MUTE button, press MENU button on TV set. The SERVICE MODE picture will come out on screen.



### 2. INITIALIZATION

- 1. Press RECALL key on remote control unit.
- 2. This makes termination of initialization of all area in memory.
- 3. On almost of models, all service adjustments described below will finish by this initialization.

### 3. SWITCHING OF ADJUSTING MODE

The main address will change as shown below by every pressing of MENU button on TV set. 160H→107H→100H→174H→1D0H→[Exit from SERVICE MODE]

ADDR	Name of ADJUSTING MODE	Last memory after adjustment
160H	Adjustment of video correction value	Memorize
107H	Sub adjustment	Memorize
100H	Adjustment of IC501 (VIDEO processing)	Memorize except for a part.
174H	Setting of the optional functions	Memorize
1D0H	Change of in non volatile memory data	Memorize

### 4. SWITCHING METHOD OF ADJUSTMENT ITEMS IN THE ADJUSTING MODE

Every pressing of VOLUME ▲ button will change the address as below, and the pressing of VOLUME ▼ button will change the address to the reverse direction.

- 1.  $160H \rightarrow 162H \rightarrow 164H \rightarrow 165H \rightarrow 160H$  (returned to start position)
- 2.  $107H \rightarrow 108H \rightarrow 105H \rightarrow 163H \rightarrow 161H \rightarrow 111H \rightarrow 107H$  (to start position)
- 3.  $100H \rightarrow 101H \rightarrow 102H \rightarrow 103H \rightarrow 104H \rightarrow 105H \rightarrow 106H \rightarrow 107H \rightarrow 108H \rightarrow 100H \rightarrow 100H$
- 4.  $174H \rightarrow 175H \rightarrow 176H \rightarrow 174H$  (to start position)
- 5.  $1D0H \rightarrow 1D1H \rightarrow 1D2H \rightarrow 1D3H \rightarrow 1D4H \rightarrow 1D5H \rightarrow 1DBH \rightarrow 1DCH \rightarrow 1DDH \rightarrow 1DEH \rightarrow 1DFH \rightarrow 1E1H \rightarrow 1E2H \rightarrow 1D0H$  (to start position)

See the next page for reference table of ADDR and adjusting items.

### 5. ADJUSTMENT METHOD OF DATA

- 1. Pressing of + button will change the value of DATA in the range from 00H to FFH. The variable range depends on the adjusting item.
- 2. Items that may require adjustment after initialization, are the adjustment (ADDR:160H) of video correction value and the sub adjustment (ADDR:107H). When the variable range is not appropriate, perform adjustment watching the screen.

### 6. EXIT FROM SERVICE MODE

Key operation:

- 1. EXIT
- 2. POWER
- 3. MENU key
- 4. Other keys associated with display

### 7. OTHER SERVICE FUNCTIONS

The following key entry during display of service mode screen, provides special functions.

1. MUTE

: Presetting of all channels (delivery setting)

2. RESET/EXIT

: Execution of self diagnosis

Note: Finally, do AUTO CHANNEL PROGRAM.

### 8. REFERENCE TABLE OF ADDRESS AND ADJUSTING ITEMS

### 1. ADJUSTMENT OF VIDEO CORRECTION VALUE

Address	Items	Memory
160H 162H 164H 165H	CONTRAST COLOR in THEATER SHARPNESS PIP-CONTRAST	0000

### 2. SUB ADJUSTMENT

Address	Items	Memory
107H 108H 105H 163H 161H	SUB-COLOR SUB-CONTRAST PIP-BRIGHT SUB-TINT SUB-BRIGHT	0000
161H 111H	SUB-BRIGHT MONITOR SWITCH	0

### 3. OPERATION OF IC501 (VCD)

Address	Items	Memory
100H	CONTRAST	
101H	BRIGHTNESS	
102H	COLOR	
103H	TINT	
104H	SHARPNESS	
105H	PIP-BRIGHT	0
106H	PIP-CONTRAST	0
107H	SUB-COLOR	Q
108H	SUB-CONTRAST	0
109H	R CUTOFF	0
10AH	G CUTOFF	Ó
10BH	B CUTOFF	000
10CH	G DRIVE	O
10DH	B DRIVE	0
10EH	CHROMA CONTROL	
10FH	VIDEO CONTROL1	
110H	VIDEO CONTROL2	
111H	HOR POSITION	O
112H	VER POSITION	0

### 4. ADJUSTMENT OF OPTIONAL SW

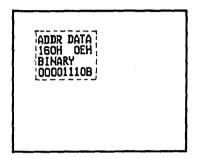
Address	Items	Memory
174H 175H 176H	Option setting Memory version 1 Number of protect	000

### 5. DATA REVISION OF ICA02 (E2PROM)

1D0H STD CHROMA CONTROL O 1D1H STD VIDEO CONTROL 1 1D2H STD VIDEO CONTROL 2	
1D3H THEATER CHROMA CONTROL 1D4H THEATER VIDEO CONTROL 1 1D5H THEATER VIDEO CONTROL 2 1DAH Option setting 2 1DBH Option setting 3 1DDH Memory version 2 1DEH THEATER R CUTOFF CORRECT 1DFH THEATER G CUTOFF CORRECT 1E0H THEATER B CUTOFF CORRECT 1E1H THEATER G DRIVE CORRECT 1E2H THEATER B DRIVE CORRECT	

### 9. SELF DIAGNOSTIC FUNCTION

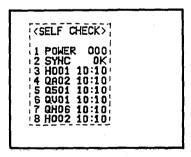
- 1. Press RESET button on the TV during display of SERVICE MODE picture, the diagnosis will begin to check if interface among IC's are executed properly.
- 2. During diagnosis, the following displays are shown.
  - (1) Operation number of protecting circuit (OVER CURRENT, OVER VOLTAGE, F/S) . . . . The first position; "000" is normal.
  - (2) The status of SYNC signal at pin 29 of ICA01 . . . . The second position; "OK" is normal.
  - (3) Communication status to IC's (H001, H002, ICA02, IC501, ICV01 and ICN06)



Example of display of service mode



Press RESET button on TV set.



(4) Nos 3 to 8 on the screen display which are connected to #31 and #32 (SCL, SDA) line, show number of controls carried out correctly and the number of confirmation. (Number of confirmation): (Number of correct control)

➤ 10 is normal.

Less than 10 means defective IC.

**WARNING**: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 2 OF THIS MANUAL.

### SETTING UP THE CHASSIS

In order to assure the performance, processed wires shall be replaced after the repair work. Work procedures are as follows.

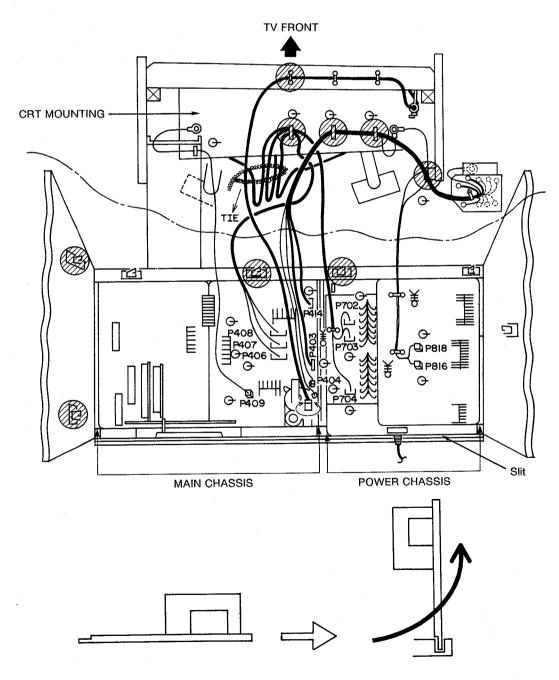
1. Remove the back board. (See page 35.)

2. Remove nine holders and one TIE in Ø of the following sketch .

3. Draw out the main power unit and both chassis together.

4. Insert the front edge of the chassis into the groove where the back board has been inserted and make the chassis stand.

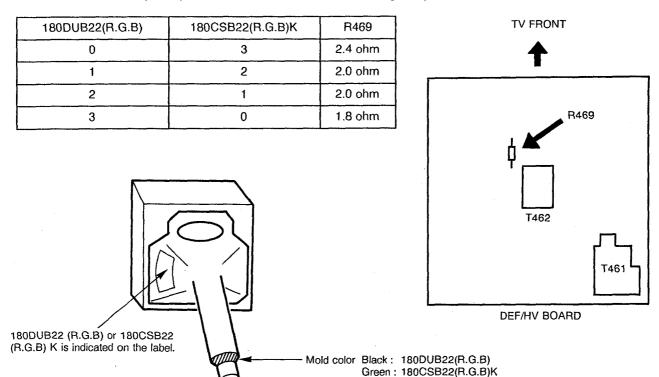
After repair work finished, replace it in the opposite procedure.



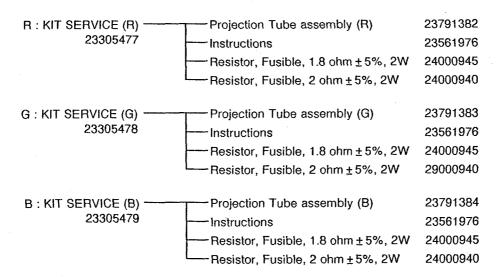
# REPLACEMENT OF THE CRT (Pay attention to the combination of the CRT and R469)

There are two types of CRT's at the shipment from the works; one contains each one of 180DUB22(R.G.B); and the other contains each one of 180CSB22(R.G.B)K. However, only 180DUB22(R.G.B) is supplied as a service part, therefore, there will be four types of combinations after replacing a CRT. Since the value of R469 (heater resistor) to be connected with each combination varies, when to replace a CRT, also replace the resistor R469 in the service kit according to the following table.

Note: If 180DUB22 (R.G.B) are used for all the three from the beginning, R469 is not required to be replaced.

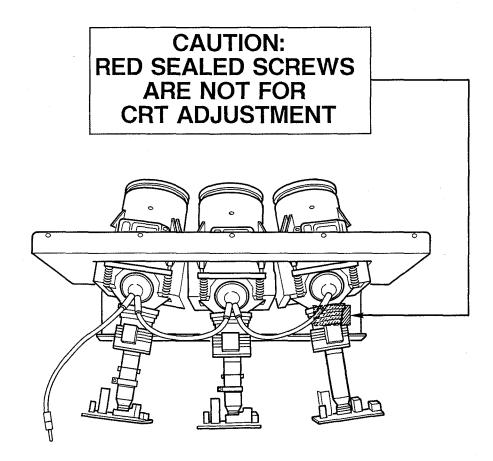


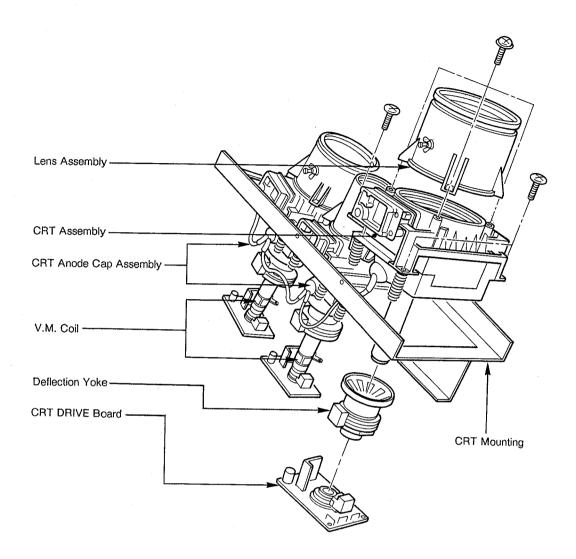
Service kits are provided for each R, G and B. The contents of the kits are as follows:



### CRT ASSEMBLY REPLACEMENT AND MOUNTING

CAUTION: DO NOT LOOSEN THE RED SEALED SCREWS (12 PCS), BECAUSE THOSE ARE FOR SEALING OF CRT COOLANT.





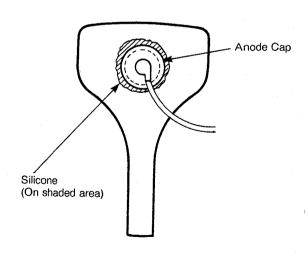
Lens and Neck Components View

### TO REMOVE CRT (Same procedure for R, G, B)

- Remove CRT DRIVE Board, V. M. COIL (R, G ONLY) from CRT.
- 2. Remove Lens Assembly.
- 3. Detach CRT Anode Cap from CRT.
- 4. Remove CRT Assembly from CRT Mounting.

### TO MOUNT CRT (Same procedure for R, G, B)

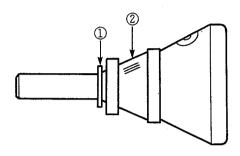
- 1. Proceed with the reverse way in the CRT removal.
- Anode Cap Assembly Replacement Remove Anode Cap Assembly to replace with new one (T461A).
  Put enough silicon (T461B) on around the anode caps.



WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 2 OF THIS MANUAL.

### PICTURE TUBE COMPONENTS ADJUSTMENT

### **DESCRIPTION OF NECK COMPONENTS**



(1) Centering magnet

After adjusting picture tilt, picture position is finally fixed by this magnet.

In order to get maximum margin of user convergence control for center of screen, this magnet have to be used for center convergence adjustment on production line.

② Deflection voke

Disconnect PJ05. This contains convergence yoke,

The position on the neck is required most front (CRT funnel side) and the screw is fastened after rotating voke adjusting picture tilt.

### **PREPARATION**

- 1. Ensure all of static VRs are preset at mechanical center. (RK101, 102, 103, 104)
- 2. Operate the receiver for at least 5 minutes.

### R, G, B FOCUS ADJUSTMENT

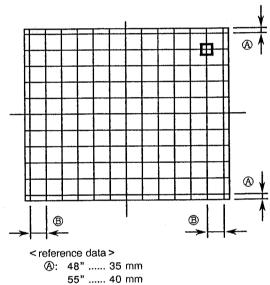
- 1. Disconnect PJ05.
- 2. Set "TEST/NORM" switch to TEST position.
- 3. Adjust R, G, B lenses focus to best focusing point of picture center.
  - After find out fasten screw. (Put lens cover on not adjusting lenses.)
- 4. Adjust FOCUS VR R, G, B of FOCUS PAC to find best focusing point of picture center.

### **TILT ADJUSTMENT**

Rotate R. G. B deflection yoke so that picture becomes horizon as figure, then fasten screw.

### **CENTERING ADJUSTMENT**

- 1. Connect PJ05.
- 2. Adjust G centering magnet so that the CROSS pattern center comes to screen center. Press SJ01 ON to receive CROSS-HATCH pattern. Turn SJ02 to G-ADJ side.
- 3. Adjust V LIN (R397) for best linearity. (Fig-1 (A))
- 4. Adjust V HEIGHT (R396) as figure. (Fig-1 (A))



B: 48" ..... 43 mm 55" ..... 49 mm

(Fig-1)

- 5. Adjust H WIDTH (L442) and GH-O. LIN VR (RK82) on PB3366-1 so that Fig-1 (B) will be equal distance.
- 6. Check whole quality of green picture.
- 7. Set SJ01 switch to OFF position and "TEST/NORM" switch to TEST position.
- 8. Adjust R, B centering magnet so that the CROSS pattern center comes to screen center.

### **CAUTION:**

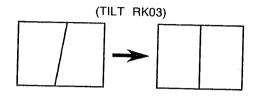
- 1. The VR101, 102, 103, 104 must be set to mechanical center for R and B centering.
- 2. Set "TEST/NORM" switch to NORM position.

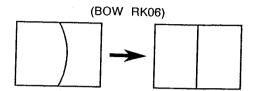
### PREPARATION FOR CONVERGENCE ADJUSTMENTS

- 1. Press SJ01 ON to receive CROSS-HATCH pattern.
- 2. Turn SJ02 to G-ADJ side.
- 3. Ensure picture has no distortion.
- 4. Ensure all of convergence VRs are preset at mechanical center.

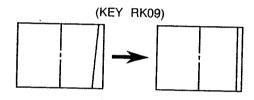
### GREEN HORIZ. CONV. ADJUSTMENT

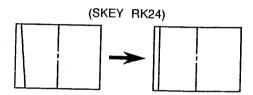
1. Converge center vertical line adjusting RK03 (TILT)/RK06 (BOW).



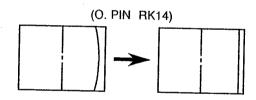


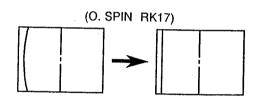
Move line on right side adjusting with RK09 (KEY). Move line on left side adjusting with RK24 (SKEY).



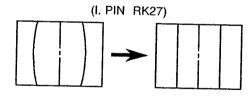


Move line on right side adjusting with RK14 (O. PIN). Move line on left side adjusting with RK17 (O. SPIN).





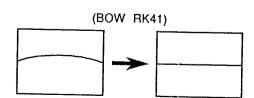
4. Move line on middle side adjusting RK27 (I. PIN).



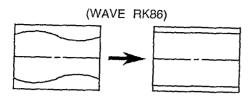
5. Move right and left and middle line if cannot readjust RK14 or RK17, RK27.

### GREEN VERT. CONVERGENCE ADJUSTMENT

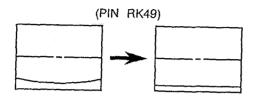
1. Converge center horizontal line adjusting RK41 (BOW).

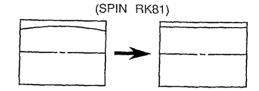


2. Move line on upper and lower side by wave adjusting RK86 (WAVE).

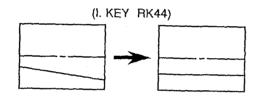


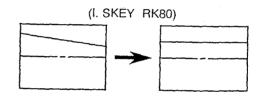
Move line on lower side adjusting RK49 (PIN). Move line on upper side adjusting RK81 (SPIN).





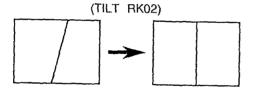
- 4. Move upper and lower line if cannot readjust RK86 or RK49, RK81.
- Move line on middle lower side adjusting RK44 (I. KEY).
   Move line on middle upper side adjusting RK80 (I. SKEY).

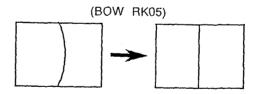




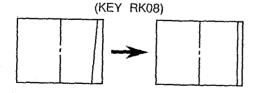
### BLUE HORIZ. CONV. ADJUSTMENT

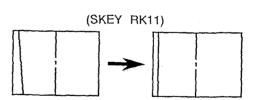
- 1. Turn SJ02 to B-ADJ side.
- 2. Converge center vertical line onto G by adjusting RK02 (TILT)/RK05 (BOW).



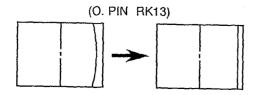


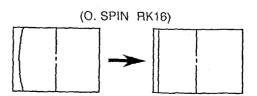
3. Move B line on right side to make it mostly parallel to G line with RK08 (KEY). Move B line on left side to make it mostly parallel to G line with RK11 (SKEY).



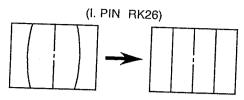


Move B line on right side to make it mostly parallel to G line with RK13 (O. PIN).
 Move B line on left side to make it mostly parallel to G line with RK16 (O. SPIN).

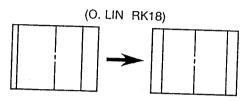




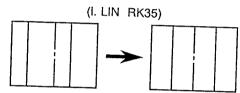
5. Move B line on middle side to make it mostly parallel to G line with RK26 (I. PIN).



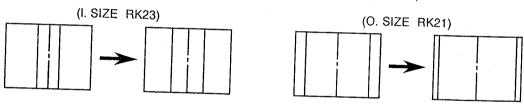
- 6. Move right and left and middle line if cannot readjust RK13 or RK16, RK26.
- 7. Move B on both right and left sides together with RK18 (O. LIN) so that opposite directions and same distances can be obtained as below.



8. Move B on both right and left middle sides together with RK35 (I. LIN) so that opposite directions and same distances can be obtained as below.

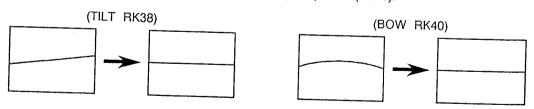


- 9. Move right and left and middle line if cannot readjust RK18 or RK35.
- Converge B line on right and left middle sides at the same time with RK23 (I. SIZE).
   Converge B line on right and left middle sides at the same time with RK21 (O. SIZE).

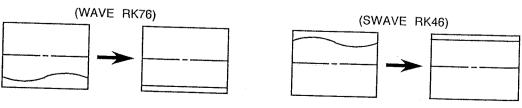


# BLUE VERT. CONVERGENCE ADJUSTMENT

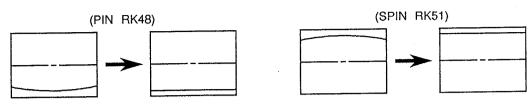
1. Converge center horizontal line on to G by adjusting RK38 (TILT)/RK40 (BOW).



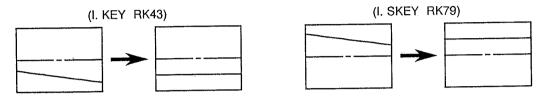
2. Move B line on lower side to make mostly parallel to G line with RK76 (WAVE). Move B line on upper side to make mostly parallel to G line with RK46 (SWAVE).



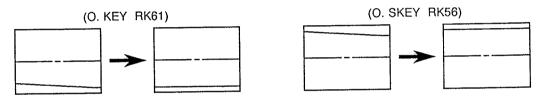
Move B line on lower side to make mostly parallel to G line with RK48 (PIN). Move B line on upper side to make mostly parallel to G line with RK51 (SPIN).



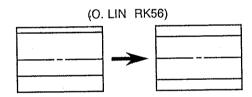
Move B line on lower middle side to make mostly parallel to G line with RK43 (I. KEY).
 Move B line on upper middle side to make mostly parallel to G line with RK79 (I. SKEY).



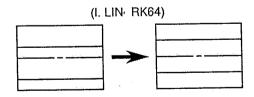
Move B line on lower side to make mostly parallel to G line with RK61 (O. KEY). Move B line on upper side to make mostly parallel to G line with RK56 (O. SKEY).



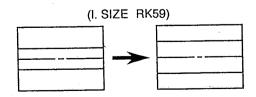
- 6. Move upper and lower line if cannot readjust RK43 or RK79, RK61, RK56.
- 7. Move B line on upper and lower side to make mostly parallel to G line with RK53 (O.LIN).



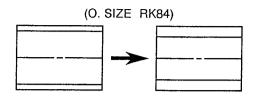
8. Move B line on upper and lower middle side to make mostly parallel to G line with RK64 (I. LIN).



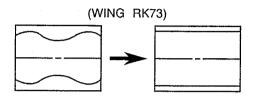
- 9. Move upper and lower line if cannot readjust RK53 or RK64.
- 10. Move B line on upper and lower middle side to make mostly parallel to G line with RK59 (I. SIZE).



11. Move B line on upper and lower side to make mostly parallel to G line with RK84 (O. SIZE).



- 12. Move upper and lower or middle line if cannot readjust RK59 or RK84.
- 13. Move B line on upper and lower side to make mostly parallel to G line with RK73 (WING).



### RED HORIZ. CONVERGENCE

- 1. Turn SJ02 to R-ADJ side.
- 2. Adjust convergence between R and G by adjusting following VRs. Procedures are same as Blue.

RK01 (TILT), RK04 (BOW), RK07 (KEY), RK10 (SKEY), RK12 (O. PIN), RK15 (O. SPIN), RK25 (I. PIN), RK19 (O. LIN), RK34 (I. LIN), RK22 (I. SIZE), RK20 (O. SIZE).

### RED VERT. CONVERGENCE ADJUSTMENT

1. Adjust convergence between R and G by adjusting following VRs.

Procedures are same as Blue.

RK37 (TILT), RK39 (BOW), RK75 (WAVE), RK45 (SWAVE), RK47 (PIN), RK50 (SPIN), RK42 (I. KEY), RK78 (I. SKEY), RK60 (O. KEY), RK55 (O. SKEY), RK52 (O. LIN), RK63 (I. LIN), RK58 (I. SIZE), RK83 (O. SIZE), RK72 (WING).

2. Press SJ01 OFF.

### CRT GRAY SCALE ADJUSTMENT

- 1. Press RESET button on TV or remote hand set.
- 2. Select Video 3 mode. (Don't put any signal in Video 3 jack.)
- 3. Adjust the data of address 109H and 10BH to "40H"
- 4. Press EXIT button.
- 5. Gradually rotate the R, G and B screen volume of FOCUS PAC clockwise or counterclockwise until the raster appears slightly on the CRT through the each lens, and leave them. (Look into the lens in order to check the raster.)
  6. Tune in an active channel.
- 7. Adjust the data of address 109H and 10BH for low light area. Address 109H controls RED CRT bias and 10BH is for BLUE.
- 8. Press EXIT button.
- 9. Adjust R-DRIVE (R950) and B-DRIVE (R952) Controls for proper white-balanced picture in high
- 10. Check the white balance in both low and high light areas. If necessary, perform again steps from 7 to

### CIRCUIT ADJUSTMENT

### **DEF/HV BOARD ADJUSTMENT**

### HIGH VOLTAGE CHECK

CAUTION: There is no HIGH VOLTAGE ADJUST-MENT on this chassis. Checking should be done following the steps below.

- Connect an accurate high voltage meter to the anode of the picture tube.
- 2. Turn on the receiver. Set the BRIGHTNESS and CONTRAST to minimum (zero beam current).
- 3. High voltage must be measured below 32.0 kV.
- Vary the BRIGHTNESS to both extremes to be sure the high voltage does not exceed the limit under any conditions.

### CAUTION:

When the parts tabled below are failed, do not replace the parts, but replace the whole DEF/HV Board with new one.

Location No.	Name	Туре
T461	Flyback Trans.	TFB5070AN
D424	Zener Diode	μPC574J
T421	Transformer	TPC2026
Q414	Transistor	2SC2655-Y
Q412	IC	TA75458P
R431	Resistor	91k ohm, <u>+</u> 1%
R438	Resistor	24k ohm, ±1%
R440	Resistor	5.1k ohm, ±1%
R439	VR	2k ohm

### FS CIRCUIT CHECK

The Fail Safe (FS) circuit check is indispensable for the final check in servicing. Checking should be done following the steps below.

- 1. Turn the receiver on.
- 2. Temporarily short TP- ® and TP- ® on the DEF/HV Board with a jumper wire.

Raster and sound will disappear.

- The receiver must remain in this state even after removing the jumper wire. This is the evidence that the FS circuit is functioning properly.
- 4. To obtain a picture again, temporarily turn the receiver off and allow the FS circuit more than 5 seconds to reset. Then turn the receiver on to produce a normal picture.

### Troubleshooting Guide for Fail Safe Circuit

Check that the set returns to normal operation when both ends of R495 on the DEF/HV Board is shorted with jumper wire.

YES

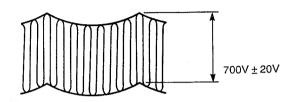
NO

Defective Fail Safe Circuit

Faulty Power circuit or Horizontal circuit.

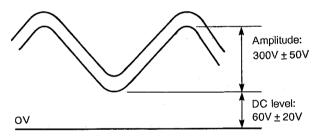
### L470 (HOR. FOCUS PARABOLA) ADJUSTMENT

- Connect oscilloscope (100:1 probe) to terminal P415 and ground.
- 2. Turn on the TV set and adjust L470 for the peak-topeak value of parabola wave as shown below.



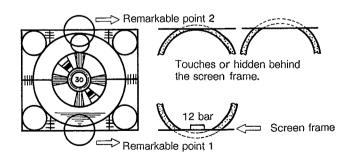
### R457 (VER. FOCUS PARABOLA AMPLITUDE) AND R482 (VER FOCUS PARABOLA DC LEVEL) ADJUSTMENTS

- Connect oscilloscope (100:1 probe) to terminal P430 and ground.
- Adjust R475 (Amplitude) and R482 (DC level) for the value as shown below.

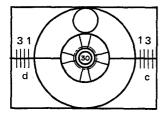


# L442 (HOR WIDTH), R396 (HEIGHT) AND R397 (VER LINEARITY) ADJUSTMENTS

- 1. Receive RETMA (Round pattern) signal.
- Watching the TV screen, adjust VER LINEARITY (R397) for the best linear.
- 3. Adjust HEIGHT (R396) as shown below.



4. Adjust HOR WIDTH (L442) so that numbers of markers (d+c) can be 11.



### ANODE VOLTAGE MEASURING METHOD

CAUTION: Take extra precaution when measuring this high voltage. High voltages are also present in surrounding circuit boards (CRT DRIVE assembly, DEFLECTION assembly, and POWER SUPPLY assembly).

- Disconnect the FBT anode cable as outlined below. Measure high voltage at the point where the cable enters the FBT.
- 2. Holding the rubber cover firmly, turn it counterclockwise and check that the lock has been disengaged. (See figure a.)
- 3. Determine the extent of the rubber cover before disconnecting the cable.
- 4. Pull straight up the anode cable to disconnect. (See figure b.)
- 5. When reconnecting the cable, proceed in the reverse order.

After reconnecting, tug on the cable to check that it is secure.

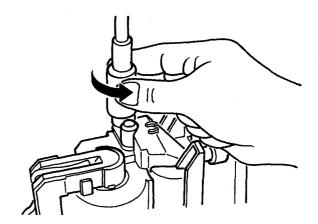


Figure a.

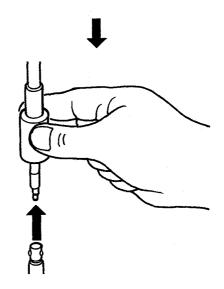


Figure b.

### MAIN BOARD ADJUSTMENT

### SUB-BRIGHT AND SUB-CONTRAST ADJUSTMENT

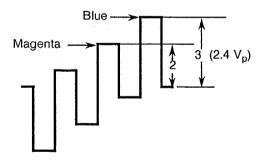
SUB-BRIGHT: Sub ADD 161H (SUB-CONTRAST: Sub ADD 108H)

- 1. Tune in a color program and press the RESET button.
- 2. Leave the receiver for five minutes in this state.
- 3. Watching the picture carefully, adjust the SUB-BRIGHT Control to the position where the picture does not show evidence of blooming in high bright area and does not appear too dark in low bright
- 4. Check for proper picture variation by changing the CONTRAST and BRIGHT to both extremes.
- 5. If the picture does not appear dark with the CONTRAST and BRIGHT minimum or does not appear bright with the maximum, adjust the SUB-BRIGHT Control again for an acceptable picture.

### SUB-TINT AND SUB-COLOR ADJUSTMENTS

Sub-TINT: Sub ADD 163H Sub-COLOR: Sub ADD 107H

- 1. Receive color-bar signal from color-bar generator.
- 2. Press the RESET button.
- Connect oscilloscope to the IC501 39 pin on MAIN board.
- Sub ADD 100H D7 → [1] (Video Mute) Sub ADD 111H D6, D5  $\rightarrow$  [0, 1] (39 pin B-Y output) Sub ADD 110H D5, D4  $\rightarrow$  [1, 1] (Yr OFF) Sub ADD 102H 4D → 12
- 5. Adjust SUB-TINT (Sub ADD 163H) to obtain a blue bar to magenta bar ratio of 3:2 as shown below.



- 6. Sub ADD 102H 12 → 4D (Return color)
- 7. Sub ADD 107H D6, D5  $\rightarrow$  [1, 1] (Color Lim. OFF)
- Sub ADD 1071 Do, D3 → [1, 1] (color Lim. O17)
   Adjust SUB-COLOR (Sub ADD 107H) to achieve 2.4V<sub>0-p</sub> of blue bar on scope.
   Sub ADD 100H, 111H, 110H → To original
- Sub ADD 107H D6, D5  $\rightarrow$  [0, 0]

### CCD BOARD ADJUSTMENT

### When QZ04 or QZ30 is replaced, adjust the following items in sequence.

### PREPARATION:

• Set the controls (RZ50, RZ51, RZ52, RZ53 and RZ54) to the center of the rotation angle.

### ADJUSTMENT:

- VERTICAL CONTOUR CORRECTION SIGNAL ADJUSTMENT (RZ52)
  - Apply the signal which includes the white peak component to the antenna input.
  - Connect oscilloscope to pin 1 of QZ30 and adjust the horizontal gain for vertical sync. period.
  - Adjust RZ52 to make the video signal components zero.

### 2. Y-COMB ADJUSTMENT (RZ51, RZ54)

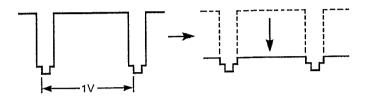
- 1) Apply a rainbow color bar pattern signal to the antenna input.
- 2) Connect an oscilloscope to pin 16 of QZ30 and adjust horizontal gain for horizontal sync. period.
- Adjust RZ51 and RZ54 alternately for minimum chroma components in the video signals.

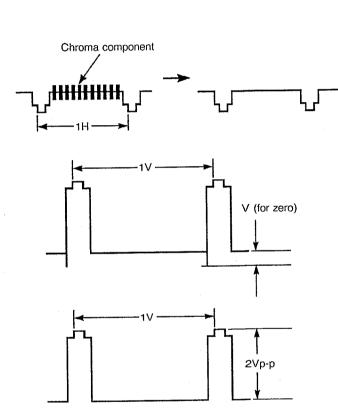
# 3. VERTICAL CONTOUR EDGE CORRECTION ADJUSTMENT (RZ53)

- 1) Apply the signal which includes the white peak component to the antenna input.
- 2) Connect oscilloscope to pin 16 of QZ30 and set the horizontal gain for vertical sync. period.
- Adjust RZ53 to make "v" component in the waveform zero.

### 4. VIDEO GAIN ADJUSTMENT (RZ50)

- Apply the signal which includes the white peak component to the antenna input.
- 2) Connect an oscilloscope to pin 16 of QZ30.
- 3) Adjust RZ50 for 2Vp-p waveform amplitude.

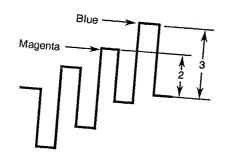




# PIP BOARD ADJUSTMENT

# TINT ADJUSTMENT

- 1. Receive color-bar signal from color bar generator.
- 2. Connect oscilloscope to the emitter of QY18.
- 3. Adjust RY50 to obtain a blue bar to magenta bar ratio of 3:2 as shown below.

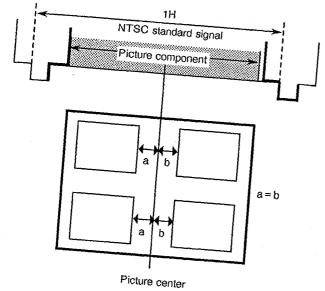


# WHITE BALANCE ADJUSTMENT

- Receive an active channel on the PIP screen.
   Adjust RY52 (RED BIAS) and RY53 (BLU BIAS) alternately for proper white balance.

# READ CLOCK (PIP FRAME POSITION)

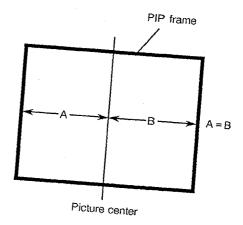
- 1. Receive the pattern signal which shows its center on Call up the PIP screen.
- 3. Adjust ZY06 to equalize the distance "a" to "b" as



# WRITE CLOCK (PIP PICTURE POSITION)

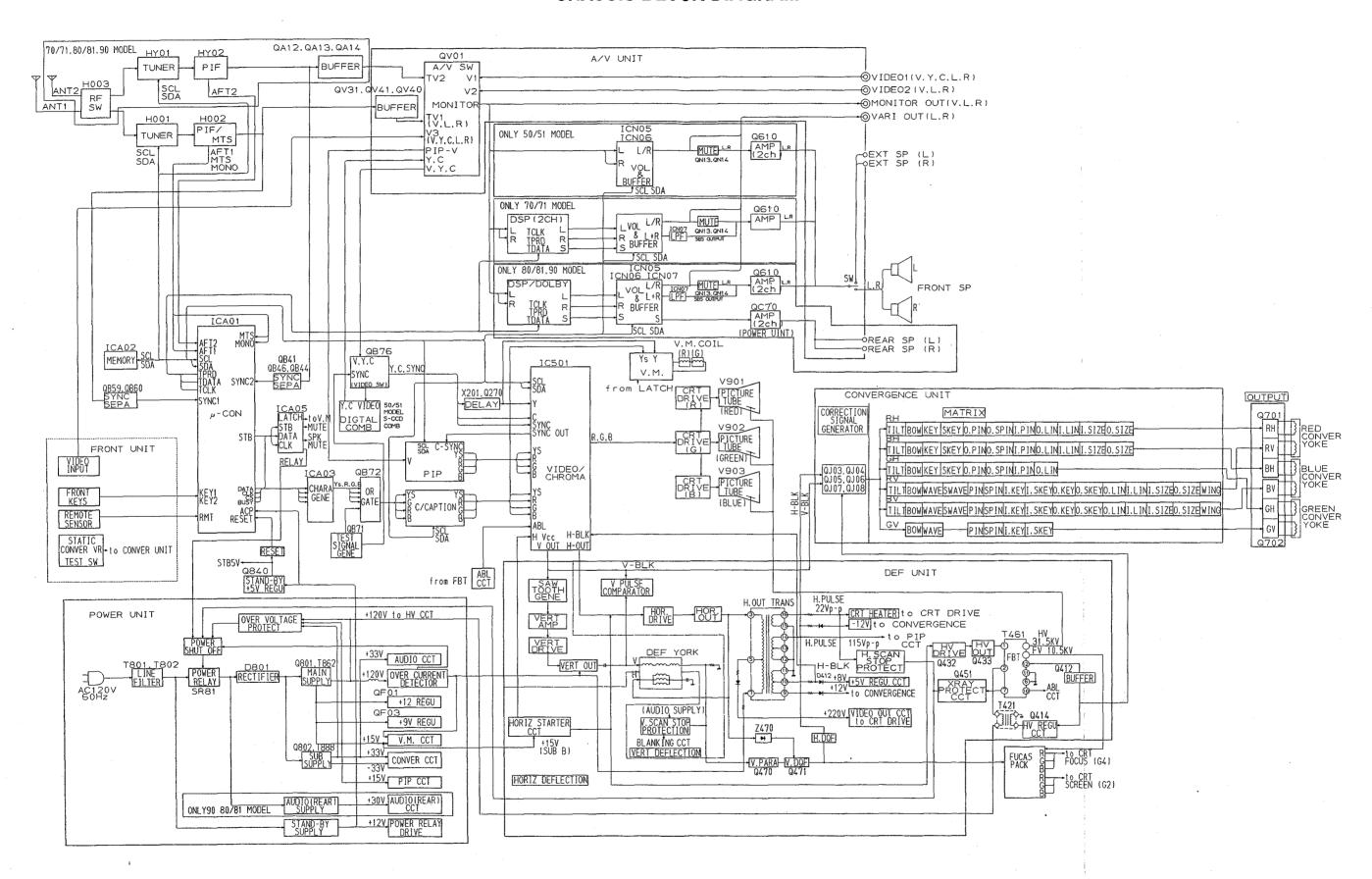
- 1. Receive the pattern signal which shows the center
- 2. Adjust ZY05 to position the center of the signal to the center of the PIP screen.

(equalizing the distance "A" to "B" as shown below.)

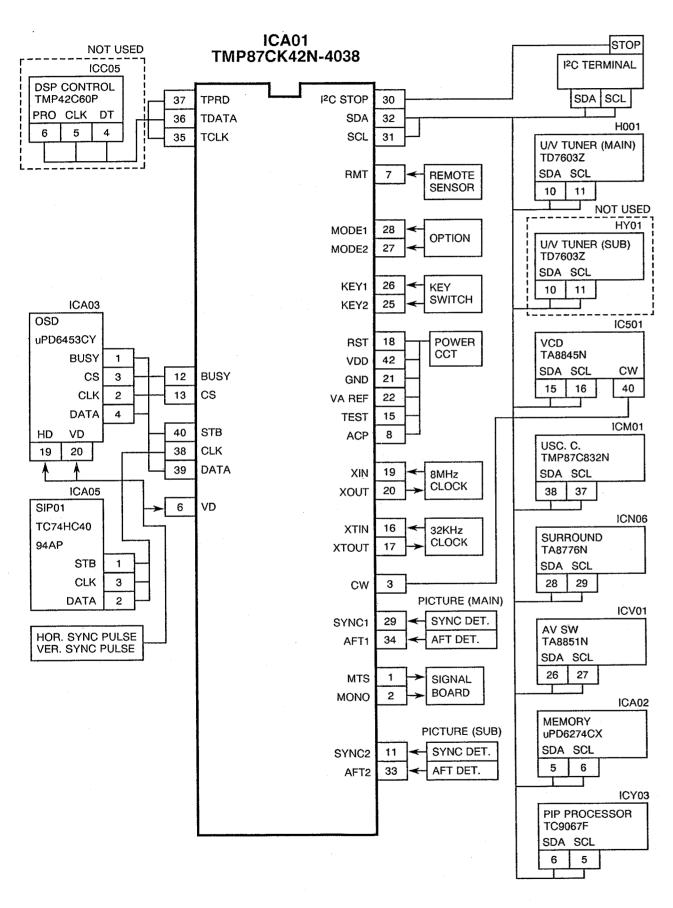


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### CHASSIS BLOCK DIAGRAM



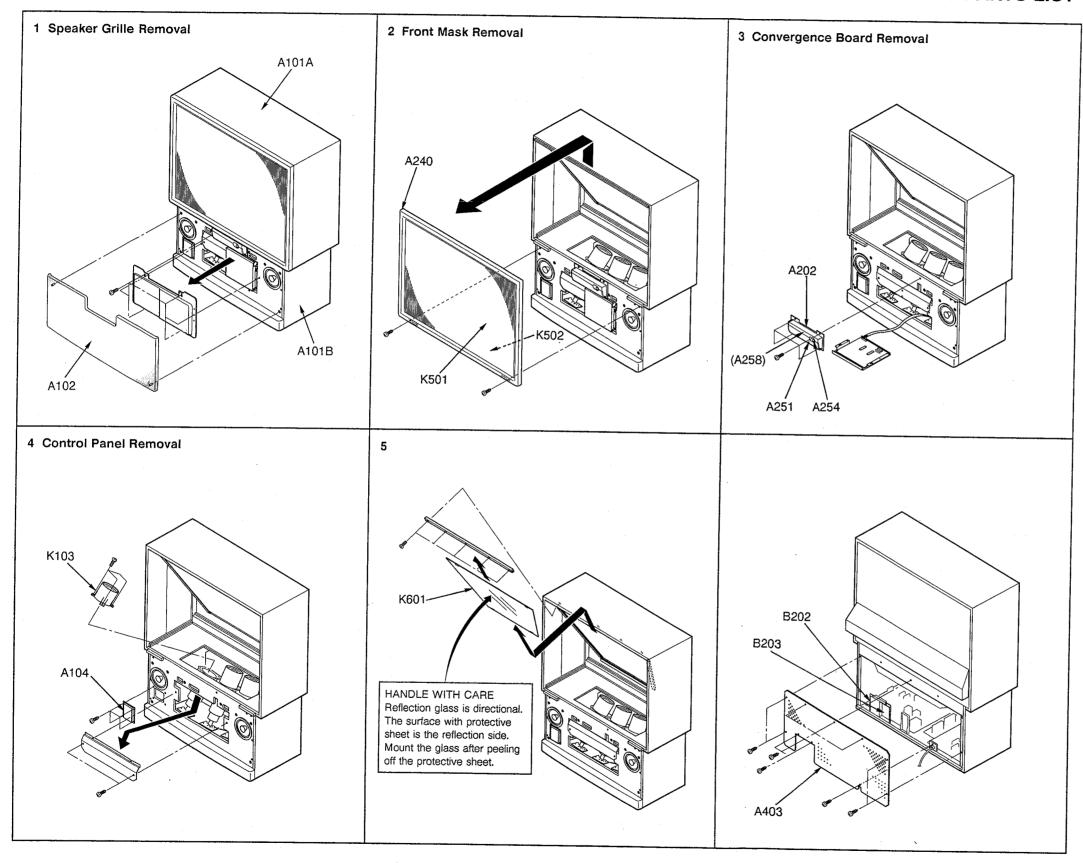
## I<sup>2</sup>C-BUS SYSTEM BLOCK DIAGRAM



### MICROPROCESSOR TERMINAL NAMES AND OPERATION LOGIC

Pin No.	Name	Function	IN/OUT	Logic
1	MTS	MTS switching	OUT	Stereo, Monaural = H, SAP = L
2	MONO	Stereo switching	OUT	Stereo, SAP = L, Monaural switching = H
3	CW	Monochro B' cast det.	IN	Monochro B' cast = H, Color B' cast (usual) = L
4		Not in use	***	Open
5 ·	LD	Para-Seri control terminal	OUT	Positive logic
6	VD	VER sync pulse det.	iN	Negative logic
7	RMT	Remote signal det.	IN	Negative logic
8	ACP	AC pulse count	IN	Pulse with cycle of 16.6ms
9	STR	STEREO switch	IN	STEREO = L
10	SAP	SAP switch	IN	SAP=L
11	SYNC2	PIP sync judge	IN	Positive logic
12	BUSY	OSD BUSY det.	IN	Positive logic
13	CS	OSD CS control	OUT	Negative logic
14	STOP	STOP operation control	IN	Negative logic, Pulled in 5V-1
15	TEST	Delivery test of IC	IN	Open
16	XTIN	0111-11 (01-011-10	IN	32 kHz
17	XTOUT	Oscillation for SLOW MODE	OUT	32 kHz
18	RESET	System reset	IN	Negative logic
19	XI		IN	8 MHz
. 20	XO	Oscillation for system clock	OUT	8 MHz
21	GND	Ground	<u> </u>	Grounding, 0V connection
22	VA REF	Analogue standard voltage for A/D conversion	IN	Connected to 5V-1
23	_	Not in use		Grounding
24	_	Not in use		Grounding
25	KEY2	Local key input	IN	0 to 5V
26	KEY1	Local key input	IN	0 to 5V
27	MODE2	Option judge	IN	0 to 5V
28	MODE1	Option judge	IN	0 to 5V
29	SYNC1	SYNC pulse input	IN	Negative logic
30	I <sup>2</sup> C STP	I <sup>2</sup> C BUS STOP	IN	Negative logic
31	SCL	I <sup>2</sup> C BUS CLOCK	OUT	No operation = H, Rising sync
32	SDA	I2C BUS DATA	IN & OUT	Output to tuners, VCD IC, SRD IC and AV SW. Input and output to memory. Input and output to closed caption IC.
33	AFT2	PIP S-letter det.	IN	In receiving signal
34	AFT1	AFT S-letter det.	IN	In receiving signal
35	TCLK	T-BUS CLOCK	OUT	Rising sync
36	TDATA	T-BUS DATA	IN & OUT	Output to PIP module, DSP micom
37	TPRD	T-BUS PERIOD	OUT	Negative logic
38	CLK	Clock line	OUT	Rising sync
39	DATA	Data line	IN & OUT	Output to Seri-Para, OSD
40	STB	Seri-Para STROBE	OUT	Positive logic
41	X-RAY	Operational count in over- current protect circuit	IN	Positive logic
42	VDD	Power input	IN	5V

# MECHANICAL DISASSEMBLY & CABINET REPLACEMENT PARTS LIST



Location No.	Part No.	Description
A101A	20405404	
AIUIA	23465131	Wood Cabinet, Upper (TP48C51)
A101A	23465163	Wood Cabinet, Upper (TP48C50)
A101A	23561872	
44045		(PJ48C50)
A101B	23465132	Wood Cabinet, Lower (TP48C51)
A101B	23465164	Wood Cabinet, Lower (TP48C50)
A101B	23465152	Wood Cabinet, Lower
		(PJ48C50)
A102	23416764	Grille, Speaker
A104	23448957	Cover (FOCUS PACK)
A111	23413256	Caster
A202	23885085	Control Panel
A227	72471068	Screw, BIDT2 4x12BZ
A231	72471068	Screw, BIDT2 4x12BZ
A240	23416771	Front Cover (BEZEL)
A251	23421547	Door
A254	23443749	Knob, POWER
A258	70368125	Push Catch for Door
A351	72471068	Screw, BIDT2 4x12BZ
A352	72471068	Screw, BIDT2 4x12BZ
A403	23822775	Back Board
A525	72471068	Screw, BIDT2 4x12BZ
A526	72471068	Screw, BIDT2 4x12BZ
A527	72471068	Screw, BIDT2 4x12BZ
A701	23524290	Carton Box
A702	23935184	Pad, Top
A703	23935185	Pad, Bottom
A705	23941638	Sheet, 46GM88T
A708	23941634	Sheet, 52GM88T
B202	23470072	Terminal Board
B203	23568496	Ornament, AV Terminal
K103	23430111	Delta, 77-A/B Assembly
K103	23430111	Delta, 77-A/B Assembly
K103 K501	23430111	Delta, 77-A/B Assembly
K501	23837389	Screen, 48KB-L
K601	23837390	Screen, 48KB-F
K910	23430116 23120219	Mirror, 48(C)
1010	23120219	Remote Sensor, IR-9106A-K

# ASSEMBLING OF FRONT SCREEN Fresnel sheet Lenticular sheet Lenticular sheet Lenticular sheet Label with part number Label with part number

### CLEANING OF LENS AND MIRROR

**CAUTION**: Do not hold the optical system parts (lens and mirror) with bare hand to avoid finger-prints on the surface of those parts.

### HOW TO CLEAN LENS AND MIRROR

- 1. Be sure to remove sand dust with an air brush, etc.
- When it is stained slightly, breathe upon it and wipe away with the specified cleaning cloth.For other stains than the above, wipe the stains away

with the specified cloth into which a cleaning liquid has been soaked.

Cleaning liquid ...... LENS LUSTER (Manufactured by Edmund Scientific Co.), etc.

### **HOW TO CLEAN SCREEN**

When cleaning the screen, use a soft cloth so as not to damage the screen.

- 1. Wipe the stain away with a diluted neutral detergent soaked cloth.
- 2. Wipe the detergent away with a water soaked cloth.
- 3. Wipe the screen with a dry cloth to remove moisture on the screen.

**Note:** Absolutely do not use alcohol, benzine, thinner, etc. for cleaning in order not to wipe away the black print on the surface.

### CHASSIS REPLACEMENT PARTS LIST

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 2 OF THIS MANUAL.

**CAUTION:** The international hazard symbols in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 2. Do not degrade the safety of the receiver through improper servicing.

NOTICE: The part number must be used when ordering parts, in order to assist in processing, be sure to include the Model number and Description.

### Model TP48C50: TP48C51: PJ48C50

ABBREVIATIONS:

Capacitors........ CD : Ceramic Disk PF : Plastic Film EL : Electrolytic Resistors........ CF : Carbon Film CC : Carbon Composition MF : Metal Film OMF : Oxide Metal Film VR : Variable Resistor FR : Fusible Resistor

(All CD and PF capacitors are ±5%, 50V and all resistors, ±5%, 1/6W unless otherwise noted.)

Location No.	Part No.	Description			
CAPACITORS					
C060	24763471	EL, 470μF, ±20%, 16V			
C061	24203470	EL, 47μF, ±20%, 16V			
C062	24763101	EL, 100μF, ±20%, 16V			
C063	24205479	EL, 4.7μF, ±20%, 35V			
C064	24797330	EL, 33μF, ±20%, 50V			
C071	24232103	CD, 0.01μF, +80%, -20%			
C072	24232103	CD, 0.01μF, +80%, -20%			
C180	24085967	EL, 47μF, ±20%, 16V,			
		Non-Polar			
C187	24666221	EL, 220μF, ±20%, 16V			
C188	24668100	EL, 10μF, ±20%, 35V			
C189	24591104	PF, 0.1 <i>μ</i> F			
C203	24206229	EL, 2.2μF, 50V			
C206	24436270	CD, 27pF			
C220	24474101	CD, 100pF, ±10%			
C221	24206108	EL, 0.1μF, 50V			
C222	24206108	EL, 0.1μF, 50V			
C223	24206108	EL, 0.1μF, 50V			
C224	24206478	EL, 0.47μF, 50V			
C225	24794221	EL, 220µF, ±20%, 16V			
C226	24763471	EL, 470μF, ±20%, 16V			
C228	24473560	CD, 56pF			
C230	24591182	PF, 1800pF			
C240	24474820	CD, 82pF, ±10%			
C241	24436330	CD, 33pF			
C242	24436910	CD, 91pF			
C263	24232103	CD, 0.01μF, +80%, –20%			
C264	24591104	PF, 0.1μF			
C265	24794221	EL, 220μF, ±20%, 16V			
C266	24591104	PF, 0.1μF			
C267	24232103	CD, 0.01μF, +80%, -20%			
C268	24763471	EL, 470µF, ±20%, 16V			
C270	24206229	EL, 2.2μF, 50V			
C271	24205100	EL, 10μF, ±20%, 35V			
C272	24794100	EL, 10µF, ±20%, 16V			
C273	24206228	EL, 0.22µF, 50V			
C274	24206229	EL, 2.2μF, 50V			
C277	24591104	PF, 0.1μF			
C280	24763101	EL, 100μF, ±20%, 16V			
C280	24436101	CD, 100pF			
CZ01	24400101	GD, 100pi			

Location No.	Part No.	Description
C282	24436101	CD, 100pF
C283	24436101	CD, 100pF
C303	24666470	EL, 47μF, ±20%, 16V
C315	24677100	EL, 10μF, ±20%, 160V
C330	24214101	CD, 100pF, ±10%, 500V
C331	24676100	EL, 10μF, ±20%, 100V
C332	24677221	EL, 220µF, ±20%, 160V
C333	24214332	CD, 3300pF, ±10%, 500V
C334	24617912	EL, 2.2μF, ±10%, 50V
C335	24666470	EL, 47μF, ±20%, 16V
C336	24591123	PF, 0.012 <i>μ</i> F
C338	24591102	PF, 1000pF
C340	24591104	PF, 0.1μF
C344	24797229	EL, 2.2μF, ±20%, 50V
C391	24617912	EL, 2.2μF, ±10%, 50V
C393	24666101	EL, 100μF, ±20%, 16V
C394	24666101	EL, 100μF, ±20%, 16V
C401	24763101	EL, 100μF, ±20%, 16V
C402	24232103	CD, 0.01µF, +80%, –20%
C403	24203470	EL, 47μF, ±20%, 16V
C409	24474102	CD, 1000pF, ±10%
C412	24591123	PF, 0.012 <i>μ</i> F
C413	24591392	PF, 3900pF
C414	24797010	EL, 1µF, ±20%, 50V
C415	24214332	CD, 3300pF, ±10%, 500V
C417	24214391	CD, 390pF, ±10%, 500V
C418	24677100	EL, 10μF, ±20%, 160V
C420	24763101	EL, 100μF, ±20%, 16V
C421	24591104	PF, 0.1μF
C422	24212102	CD, 1000pF, ±10%
C423	24085942	EL, 10μF, ±20%, 16V,
		Non-Polar
C424	24538104	PF, 0.1μF
C425	24538104	PF, 0.1μF
C426	24677100	EL, 10μF, ±20%, 160V
C428	24214391	CD, 390pF, ±10%, 500V
C429	24214332	CD, 3300pF, ±10%, 500V
C430	24212152	CD, 1500pF, ±10%
<b>△</b> C431	24095778	PF, 2200pF, ±3%, 2kV
<b>△ C432</b>	24095774	PF, 3300pF, ±3%, 1400V
<b>△</b> C433	24095774	PF, 3300pF, ±3%, 1400V
L		

Location	Part No.	Description
No.	i die ivo.	Besumption
C426	24920562	DE 0.056.25.200V
C436	24828563 24095893	PF, 0.056μF, 200V PF, 6200pF, ±3%, 1250V
△ C440	24095893	PF, 6200pF, ±3%, 1250V
△ C441		
T	24095753	PF, 0.39μF, 200V
△ C443 C445	24095629 24795222	PF, 0.62μF, 200V EL, 2200μF, ±20%, 25V
C445 C447	24/95222	EL, 2200μF, ±20%, 250V EL, 33μF, ±20%, 250V
C447 C448	24679330	EL, 33μF, ±20%, 250V EL, 33μF, ±20%, 160V
C448	24646908	EL, 1000μF, ±20%, 16V
C449 C450	24214472	CD, 4700pF, ±10%, 500V
C450 C451	24669479	EL, 4.7μF, ±20%, 50V
C451 C452	24666100	EL, 10μF, ±20%, 30V
C452 C453	24212102	CD, 1000pF, ±10%
C453	24666100	EL, 10μF, ±20%, 16V
C457 C458	24214102	CD, 1000pF, ±10%, 500V
C458 C463	24214102	CD, 1500pF, ±10%, 500V
C466	24666102	EL, 1000µF, ±20%, 16V
C470	24669100	EL, 10μF, ±20%, 50V
C470	24538104	PF, 0.1μF
C471	24667100	EL, 10μF, ±20%, 25V
C472 C473	24666100	EL, 10μF, ±20%, 25V
C476	24092338	CD, 270pF, ±10%, 2kV
C477	24092341	CD, 470pF, ±10%, 2kV
C481	24666220	EL, 22μF, ±20%, 16V
C501	24591333	PF, 0.033μF
C502	24591333	PF, 0.033μF
C507	24473010	CD, 1pF, ±20%
C508	24591472	PF, 4700pF
C509	24473120	CD, 12pF
C510	24206229	EL, 2.2μF, 50V
C514	24591333	PF, 0.033μF
C515	24206010	EL, 1µF, ±20%, 50V
C601	24591103	PF, 0.01μF
C602	24591103	PF, 0.01μF
C603	24206479	EL, 4.7μ <b>F</b> , 50V
C604	24206479	EL, 4.7μF, 50V
C605	24669478	EL, 0.47μF, ±20%, 50V
C606	24669478	EL, 0.47μF, ±20%, 50V
C607	24667101	EL, 100μF, ±20%, 25V
C608	24667101	EL, 100μF, ±20%, 25V
C609	24667221	EL, 220μF, ±20%, 25V
C610	24669471	EL, 470μF, ±20%, 50V
C611	24669102	EL, 1000μF, ±20%, 50V
C612	24669102	EL, 1000μF, ±20%, 50V
C613	24591104	PF, 0.1μF
C614	24591104	PF, 0.1μF
C615	24085961	EL, 10μF, ±20%, 50V
C701	24436101	CD, 100pF
C702	24436220	CD, 22pF
C703	24436681	CD, 680pF
C704	24797101	EL, 100μF, ±20%, 50V
C705	24797101	EL, 100μF, ±20%, 50V
C706	24436101	CD, 100pF
C707	24436220	CD, 22pF
C708	24436681	CD, 680pF
C709	24797101	EL, 100μF, ±20%, 50V
C710	24797101	EL, 100μF, ±20%, 50V
C711	24436101	CD, 100pF
C712	24436220	CD, 22pF
C713	24436681	CD, 680pF
C714	24436101	CD, 100pF
C715	24436220	CD, 22pF
C716	24436681	CD, 680pF
C717	24797101	EL, 100µF, ±20%, 50V
1		;

Location		
No.	Part No.	Description
		<u> </u>
C718	24797101	EL, 100μF, ±20%, 50V
C719	24436101	CD, 100pF
C720	24436220	CD, 22pF
C721	24436681	CD, 680pF
C722	24797101	EL, 100μF, ±20%, 50V EL, 100μF, ±20%, 50V
C723 C724	24797101 24436101	CD, 100pF
C725	24436220	CD, 22pF
C726	24436681	CD, 680pF
C750	24794470	EL, 47μF, ±20%, 16V
C751	24794470	EL, 47μF, ±20%, 16V
C752	24538103	PF, 0.01μF
C753	24794101	EL, 100μF, ±20%, 16V
C754	24436820	CD, 82pF
C755	24538103	PF, 0.01μF
C756	24212222	CD, 2200pF, ±10%
C757	24538103	PF, 0.01µF
C758	24794470	EL, 47μF, ±20%, 16V
C759	24436101	CD, 100pF CD, 100pF
C760	24436101	
C761 C762	24590472 24590472	PF, 4700pF PF, 4700pF
C762 C763	24677100	EL, 10μF, ±20%, 160V
C764	24677470	EL, 47μF, ±20%, 160V
C765	24677470	EL, 47μF, ±20%, 160V
C766	24677100	EL, 10μF, ±20%, 160V
C767	24434560	CD, 56pF, ±10%, 500V
C768	24797101	EL, 100μF, ±20%, 50V
C769	24797101	EL, 100μF, ±20%, 50V
C770	24797101	EL, 100μF, ±20%, 50V
C771	24797101	EL, 100μF, ±20%, 50V
C772	24436300	CD, 30pF
C801	24095820	PF, 0.1μF, ±10%, 630V
<b>△ C802</b>	24092300	CD, 0.01µF, +80%, -20%,
& cons	24092300	AC250V CD, 0.01μF, +80%, –20%,
<b>∆</b> C803	24092300	AC250V
<b>⚠ C804</b>	24082001	PF, 0.47μF, ±20%, AC125V
C805	24095820	PF, 0.1μF, ±10%, 630V
C806	24092345	CD, 1000pF, ±10%, 2kV
C807	24538474	PF, 0.47μF
C809	24092345	CD, 1000pF, ±10%, 2kV
<b>∆</b> C810	24086933	EL, 1000μF, ±20%, 200V
<b>△</b> C811	24094837	CD, 3300pF, AC400V
C812	24092300	CD, 0.01μF, +80%, -20%,
	0	AC250V
<b>∆</b> C813	24094837	CD, 3300pF, AC400V
C814	24092335	CD, 150pF, ±10%, 2kV
C815	24214331	CD, 330pF, ±10%, 500V PF, 1000pF
C816 C817	24591102 24214331	CD, 330pF, ±10%, 500V
C817	24617915	EL, 1μF, ±10%, 50V
C819	24591102	PF, 1000pF
C820	24214331	CD, 330pF, ±10%, 500V
C821	24676331	EL, 330μF, ±20%, 100V
<b>△</b> C822	24094820	CD, 2200pF, ±20%, AC400V
<b>⚠</b> C823	24094820	CD, 2200pF, ±20%, AC400V
C824	24092344	CD, 820pF, ±10%, 2kV
C825	24214331	CD, 330pF, ±10%, 500V
C826	24669222	EL, 2200μF, ±20%, 50V
C827	24214331	CD, 330pF, ±10%, 500V
C828	24092344	CD, 820pF, ±10%, 2kV
C829	24669222	EL, 2200μF, ±20%, 50V

Location	Part No.	Description
No.		
C830	24092300	CD, 0.01µF, +80%, -20%,
0000	24002000	AC250V
C831	24669221	EL, 220μF, ±20%, 50V
C832	24669010	EL, 1μF, ±20%, 50V
<b>△ C833</b>	24094820	CD, 2200pF, ±20%, AC400V
△ C834	24094820	CD, 2200pF, ±20%, AC400V
<b>△ C835</b>	24094820	CD, 2200pF, ±20%, AC400V
C840	24764102	EL, 1000μF, ±20%, 25V
C842	24095680	PF, 0.1μF, 200V
C843	24591104	PF, 0.1μF
C844	24761102	EL, 1000μF, ±20%, 6.3V
C845	24763471	EL, 470µF, ±20%, 16V
C846	24762221	EL, 220μF, ±20%, 10V
C859	24092345	CD, 1000pF, ±10%, 2kV
C860	24591102	PF, 1000pF
C861	24214331	CD, 330pF, ±10%, 500V
C862	24214331	CD, 330pF, ±10%, 500V
C863	24676101	EL, 100µF, ±20%, 100V
C864	24092335	CD, 150pF, ±10%, 2kV
C865	24092346	CD, 1200pF, ±10%, 2kV
C866	24092345	CD, 1000pF, ±10%, 2kV
C867	24591104	PF, 0.1μF
C868	24214331	CD, 330pF, ±10%, 500V
C869	24591102	PF, 1000pF
C870	24617915	EL, 1μF, ±10%, 50V
C871	24669220	EL, 22μF, ±20%, 50V
C881	24092341	CD, 470pF, ±10%, 2kV
C882	24092341	CD, 470pF, ±10%, 2kV
C883	24214821	CD, 820pF, ±10%, 500V
C884	24086917	EL, 470μF, ±20%, 160V
C885	24092344	CD, 820pF, ±10%, 2kV
<b>△ C886</b>	24082001	PF, 0.47μF, ±20%, AC125V
C887	24214331	CD, 330pF, ±10%, 500V
C888	24092337	CD, 220pF, ±10%, 2kV
C889	24669222	EL, 2200μF, ±20%, 50V CD, 270pF, ±10%, 2kV
C890 C891	24092338 24669222	EL, 2200µF, ±10%, 50V
C892(U401)	24009222	EL, 470μF, ±20%, 160V
C892(U801)	24677101	EL, 100μF, ±20%, 160V
C893	24214102	CD, 1000pF, ±10%, 500V
C894	24214102	CD, 1000pF, ±10%, 500V
C895	24092300	CD, 0.01µF, +80%, -20%,
		AC250V
C896	24214821	CD, 820pF, ±10%, 500V
C897	24214821	CD, 820pF, ±10%, 500V
C898	24232103	CD, 0.01µF, +80%,-20%
C899	24214331	CD, 330pF, ±10%, 500V
C902	24211102	CD, 1000pF, ±10%, 2kV
C903	24211102	CD, 1000pF, ±10%, 2kV
C904	24211102	CD, 1000pF, ±10%, 2kV
C905	24794101	EL, 100μF, ±20%, 16V
C906	24794101	EL, 100μF, ±20%, 16V
C907	24794101	EL, 100μF, ±20%, 16V
C908	24232103	CD, 0.01µF, +80%, -20%
C909	24232103	CD, 0.01µF, +80%, –20%
C910	24797478	EL, 0.47μF, ±20%, 50V
C911	24436511	CD, 510pF
C912	24436821	CD, 820pF
C913	24436751	CD, 750pF
C914	24203100	EL, 10µF, ±20%, 16V
C915	24794471	EL, 470μF, ±20%, 16V
C916	24203100	EL, 10µF, ±20%, 16V
C918	24679330	EL, 33μF, ±20%, 250V
C919	24679330	EL, 33μF, ±20%, 250V

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Location No.	Part No.	Description
1107		
C920	24679330	EL, 33μF, ±20%, 250V
C922	24794102	EL, 1000μF, ±20%, 16V
C924	24232103	CD, 0.01µF, +80%, -20%
CA03 CA08	24474101 24476103	CD, 100pF, ±10% CD, 0.01µF, ±30%, 16V
CA08 CA16	24473120	CD, 12pF
CA17	24473120	CD, 12pF
CA18	24232103	CD, 0.01µF, +80%, −20%
CA19	245901.04	PF, 0.1μF
CA20	24591104	PF, 0.1μF
CA21	24436221	CD, 220pF
CA22	24794100	EL, 10μF, ±20%, 16V
CA23	24794100	EL, 10µF, ±20%, 16V
CA26 CA29	24794100	EL, 10µF, ±20%, 16V
CA29 CA41	24474820 24591103	CD, 82pF, ±10% PF, 0.01µF
CA42	24794100	EL, 10μF, ±20%, 16V
CA47	24761222	EL, 2200μF, ±20%, 6.3V
CA48	24665101	EL, 100μF, ±20%, 10V
CA50	24474102	CD, 1000pF, ±10%
CA51	24474102	CD, 1000pF, ±10%
CA53	24474101	CD, 100pF, ±10%
CA54	24794100	EL, 10μF, ±20%, 16V
CA65	24794100	EL, 10μF, ±20%, 16V
CB57	24206229	EL, 2.2μF, 50V
CB58 CB59	24591102 24474561	PF, 1000pF CD, 560pF, ±10%
CB60	24591132	PF, 1300pF
CB71	24436470	CD, 47pF
CB72	24436820	CD, 82pF
CB73	24203470	EL, 47μF, ±20%, 16V
CB74	24206010	EL, 1μ <b>F</b> , 50V
CB75	24794100	EL, 10μF, ±20%, 16V
CF04	24794101	EL, 100μF, ±20%, 16V
CF07	24795101	EL, 100μF, ±20%, 25V
CF08 CF23	24795101	EL, 100μF, ±20%, 25V EL, 100μF, ±20%, 16V
CG01	24794101 24797220	EL, 100μF, ±20%, 10V EL, 22μF, ±20%, 50V
CG02	24794222	EL, 2200μF, ±20%, 16V
CG03	24538333	PF, 0.033μF
CG04	24669479	EL, 4.7μF, ±20%, 50V
CJ01	24794101	EL, 100μF, ±20%, 16V
CJ02	24538334	PF, 0.33 <i>μ</i> F
CJ03	24538334	PF, 0.33μF
CJ04	24794470	EL, 47μF, ±20%, 16V
CJ05	24794101	EL, 100μF, ±20%, 16V
CJ06 CJ07	24538334	PF, 0.33μF PF, 0.33μF
CJ07	24538334 24794470	EL, 47μF, ±20%, 16V
CJ09	24436361	CD, 360pF
CJ10	24794100	EL, 10μF, ±20%, 16V
CJ11	24538224	PF, 0.22μF
CJ12	24538473	PF, 0.047 <i>μ</i> F
CJ13	24794100	EL, 10μF, ±20%, 16V
CJ14	24232473	CD, 0.047μF, +80%, –20%
CJ15	24797229	EL, 2.2μF, ±20%, 50V
CJ16	24591132	PF, 1300pF
CJ17	24797229	EL, 2.2μF, ±20%, 50V PF, 330pF
CJ18 CJ19	24598331 24591472	PF, 330pF PF, 4700pF
CJ19 CJ20	24591472	PF, 0.22μF
CJ20 CJ21	24794101	EL, 100μF, ±20%, 16V
CJ22	24794101	EL, 100μF, ±20%, 16V
CJ23	24794101	EL, 100μF, ±20%, 16V
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Location	Part No.	Description
No.		2000p.:011
CJ24	24794101	EL, 100μF, ±20%, 16V
CJ25	24794100	EL, 10μF, ±20%, 16V
CJ26	24797010	EL, 1μF, ±20%, 50V
CJ27	24598331	PF, 330pF
CJ28	24538124	PF, 0.12μF
CJ29	24538124	PF, 0.12μF
CJ30	24538124	PF, 0.12μF
CJ31 CJ51	24538124	PF, 0.12μF
CJ52	24794470 24794470	EL, 47μF, ±20%, 16V EL, 47μF, ±20%, 16V
CJ53	24794470	EL, 47μF, ±20%, 16V EL, 47μF, ±20%, 16V
CJ54	24794470	EL, 47µF, ±20%, 16V
CJ55	24538473	PF, 0.047µF
CJ56	24436561	CD, 560pF
CJ57	24232473	CD, 0.047µF, +80%, –20%
CJ58	24232473	CD, 0.047µF, +80%, –20%
CJ59	24232473	CD, 0.047µF, +80%, –20%
CJ60	24794470	EL, 47μF, ±20%, 16V
CJ61	24538104	PF, 0.1μF
CJ80	24794100	EL, 10μF, ±20%, 16V
CJ81	24538224	PF, 0.22μF
CM01 CM04	24092017 24085970	CD, 0.1µF, +80%, -20%, 12V
CIVIO4	24000970	EL, 10μF, ±20%, 16V, Non-Polar
CM05	24436301	CD, 300pF
CM33	24092017	CD, 0.1μF, +80%, –20%, 12V
CM42	24092017	CD, 0.1µF, +80%, -20%, 12V
CM43	24202221	EL, 220μF, ±20%, 10V
CM65	24501102	PF, 1000pF
CM66	24538104	PF, 0.1μF
CM68	24232103	CD, 0.01µF, +80%, –20%
CM69	24203101	EL, 100μF, ±20%, 16V
CM71	24538104	PF, 0.1μF
CM72	24206010	EL, 1µF, 50V
CM73 CM74	24538103 24206010	PF, 0.01µF
CN15	24763221	EL, 1μF, ±20%, 50V EL, 220μF, ±20%, 16V
CN48	24794471	EL, 470μF, ±20%, 16V
CN49	24794100	EL, 10μF, ±20%, 16V
CN50	24206479	EL, 4.7μF, 50V
CN51	24794100	EL, 10μF, ±20%, 16V
CN52	24794100	EL, 10μF, ±20%, 16V
CN53	24206479	EL, 4.7μF, 50V
CN54	24763101	EL, 100μF, ±20%, 16V
CN56	24206479	EL, 4.7μF, 50V
CN57	24206479	EL, 4.7μF, 50V
CN58 CN59	24591393	PF, 0.039μF
CN60	24591103 24591393	PF, 0.01μF PF, 0.039μF
CN61	24591393	PF, 0.039μF
CN64	24591562	PF, 5600pF
CN81	24794100	EL, 10μF, ±20%, 16V
CN82	24794100	EL, 10μF, ±20%, 16V
CN83	24206010	EL, 1μF, ±20%, 50V
CN84	24206010	EL, 1μF, ±20%, 50V
CN85	24794100	EL, 10μF, ±20%, 16V
CN86	24794100	EL, 10μF, ±20%, 16V
CN88	24794100	EL, 10μF, ±20%, 16V
CN91	24763471	EL, 470μF, ±20%, 16V
CN93	24206339	EL, 3.3μF, 50V
CN94 CN96	24794100	EL, 10μF, ±20%, 16V
CN96 CN97	24794220 24794471	EL, 22μF, ±20%, 16V EL, 470μF, ±20%, 16V
CN98	24232103	CD, 0.01μF, +80%, –20%
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Location	Part No.	Description
No.		
CS03	24436391	CD, 390pF
CS04	24206010	EL, 1μF, ±20%, 50V
CS05	24203100	EL, 10μF, ±20%, 16V
CS06 CS07	24203100 24436391	EL, 10μF, ±20%, 16V
CS08	24206010	CD, 390pF EL, 1μF, ±20%, 50V
CS09	24436391	CD, 390pF
CS10	24206229	EL, 2.2μF, 50V
CS11	24436391	CD, 390pF
CS12	24206229	EL, 2.2μF, 50V
CS13	24436391	CD, 390pF
CS14	24436391	CD, 390pF
CS15	24436391	CD, 390pF
CS16	24206229	EL, 2.2μF, 50V
CS17	24436391	CD, 390pF
CS23	24203100	EL, 10µF, ±20%, 16V
CS24	24203100	EL, 10μF, ±20%, 16V
CS30 CS31	24206229 24206229	EL, 2.2μF, 50V EL, 2.2μF, 50V
CS32	24206229	EL, 2.2μF, 50V EL, 2.2μF, 50V
CV01	24763101	EL, 100μF, ±20%, 16V
CV02	24203470	EL, 47μF, ±20%, 16V
CV03	24085939	EL, 4.7μF, ±20%, 25V,
		Non-Polar
CV04	24203100	EL, 10μF, ±20%, 16V
CV05	24203100	EL, 10μF, ±20%, 16V
CV06	24203100	EL, 10μF, ±20%, 16V
CV08	24762102	EL, 1000μF, ±20%, 10V
CV09	24203100	EL, 10μF, ±20%, 16V
CV10	24203100	EL, 10μF, ±20%, 16V
CV11	24232103	CD, 0.01µF, +80%, -20%
CV13 CV14	24232103 24232103	CD, 0.01μF, +80%, -20% CD, 0.01μF, +80%, -20%
CV14	24203100	EL, 10μF, ±20%, 16V
CV18	24763471	EL, 470μF, ±20%, 16V
CV21	24436150	CD, 15pF
CV22	24203470	EL, 47μF, ±20%, 16V
CV26	24763471	EL, 470μF, ±20%, 16V
CV40	24794470	EL, 47μF, ±20%, 16V
CV41	24212102	CD, 1000pF, ±10%
CV44	24436270	CD, 27pF
CV47	24476103	CD, 0.01μF, ±30%, 16V
CV48	24474102	CD, 1000pF, ±10%
CV60 CV61	24203470	EL, 47μF, ±20%, 16V
CV70	24232103 24762102	CD, 0.01μF, +80%, –20% EL, 1000μF, ±20%, 10V
CV99	24232103	CD, 0.01μF, +80%, -20%
CY01	24092293	Chip, 0.1μF, +80%, -20%, 25V
CY02	24591202	PF, 2000pF
CY03	24591223	PF, 0.022μF
CY04	24092293	Chip, 0.1μF, +80%, –20%, 25V
CY05	24774121	Chip, 120pF, CH
CY06	24781201	Chip, 200pF, SL
CY07	24591562	PF, 5600pF
CY08	24781221	Chip, 220pF, SL
CY09	24781102	Chip, 1000pF, SL
CY10	24206010	EL, 1μF, ±20%, 50V
CY11 CY12	24591183	PF, 0.018μF
CY12 CY13	24206479 24591102	EL, 4.7μF, 50V PF, 1000pF
CY14	24391102	EL, 1μF, ±20%, 50V
CY15	24814103	Chip, 0.01μF, +80%, –20%
CY16	24781390	Chip, 39pF, SL
CY17	24781301	Chip, 300pF, SL

Location No.         Part No.         Description           CY18         24206478         EL, 0.47μF, 50V           CY19         24203100         EL, 10μF, ±20%, 16V           CY20         24814103         Chip, 0.01μF, ±80%, −20%           CY21         24781111         Chip, 110pF, SL           CY23         24781101         Chip, 100pF, SL           CY24         24203101         EL, 100μF, ±20%, 16V           CY25         24591104         PF, 0.1μF           CY26         24814103         Chip, 0.01μF, ±80%, −20%           CY27         24092293         Chip, 0.1μF, ±80%, −20%           CY28         24206338         EL, 0.33μF, 50V           CY29         24814222         Chip, 12pF, SD           CY30         2478120         Chip, 12pF, SD           CY31         24814103         Chip, 12pF, SD           CY32         24206010         EL, 1μF, ±20%, 50V           CY33         24814103         Chip, 0.1μF, ±80%, −20%           CY34         24203220         EL, 22μF, ±20%, 16V           CY34         24203220         EL, 22μF, 50V           CY34         24203220         EL, 22μF, 50V           CY33         24781101         Chip, 310pF, SL			
CY18	Location	Part No.	Description
CY19 24203100 EL, 10μF, ±20%, 16V CY20 24814103 Chip, 0.01μF, +80%, -20% CY21 24781111 Chip, 110pF, SL CY22 24781111 Chip, 110pF, SL CY23 24781101 Chip, 100pF, SL CY24 24203101 EL, 100μF, ±20%, 16V CY25 24591104 PF, 0.1μF CY26 24814103 Chip, 0.01μF, +80%, -20% CY27 24092293 Chip, 0.1μF, +80%, -20%, 25V CY28 24206238 EL, 0.33μF, 50V CY29 24814222 Chip, 2200pF, +80%, -20% CY30 24781120 Chip, 12pF, SL CY31 24814103 Chip, 0.01μF, +80%, -20% CY32 24206010 EL, 1μF, ±20%, 50V CY33 24814103 Chip, 0.01μF, +80%, -20% CY34 24203220 EL, 22μF, ±20%, 16V CY35 24781101 Chip, 100pF, SL CY36 24781101 Chip, 100pF, SL CY37 2478190 Chip, 91pF, SL CY38 24781101 Chip, 100pF, SL CY39 24781820 Chip, 220pF, SL CY41 24203101 EL, 100pF, ±20%, 16V CY42 2409229 Chip, 22μF, 50V CY44 24206229 EL, 22μF, 50V CY46 2478130 Chip, 33pF, SL CY47 24781330 Chip, 33pF, SL CY48 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 24781330 Chip, 33pF, SL CY61 24781330 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY63 24092294 Chip, 0.03pf, +80%, -20%, 25V CY66 2478130 Chip, 33pF, SL CY66 2478130 Chip, 33pF, SL CY61 24781330 Chip, 33pF, SL CY62 24781330 Chip, 33pF, SL CY63 24092294 Chip, 0.03pf, +80%, -20%, 25V CY66 2478130 Chip, 33pF, SL CY67 24781330 Chip, 33pF, SL CY68 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 10μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203100 EL, 10μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24206010 EL, 10μF, ±20%, 50V CY82 24206010 EL, 10μF, ±20%, 50V CY93	INO.		
CY19 24203100 EL, 10μF, ±20%, 16V CY20 24814103 Chip, 0.01μF, +80%, -20% CY21 24781111 Chip, 110pF, SL CY22 24781111 Chip, 110pF, SL CY23 24781101 Chip, 100pF, SL CY24 24203101 EL, 100μF, ±20%, 16V CY25 24591104 PF, 0.1μF CY26 24814103 Chip, 0.01μF, +80%, -20% CY27 24092293 Chip, 0.1μF, +80%, -20%, 25V CY28 24206238 EL, 0.33μF, 50V CY29 24814222 Chip, 2200pF, +80%, -20% CY30 24781120 Chip, 12pF, SL CY31 24814103 Chip, 0.01μF, +80%, -20% CY32 24206010 EL, 1μF, ±20%, 50V CY33 24814103 Chip, 0.01μF, +80%, -20% CY34 24203220 EL, 22μF, ±20%, 16V CY35 24781101 Chip, 100pF, SL CY36 24781101 Chip, 100pF, SL CY37 2478190 Chip, 91pF, SL CY38 24781101 Chip, 100pF, SL CY39 24781820 Chip, 220pF, SL CY41 24203101 EL, 100pF, ±20%, 16V CY42 2409229 Chip, 22μF, 50V CY44 24206229 EL, 22μF, 50V CY46 2478130 Chip, 33pF, SL CY47 24781330 Chip, 33pF, SL CY48 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 24781330 Chip, 33pF, SL CY61 24781330 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY63 24092294 Chip, 0.03pf, +80%, -20%, 25V CY66 2478130 Chip, 33pF, SL CY66 2478130 Chip, 33pF, SL CY61 24781330 Chip, 33pF, SL CY62 24781330 Chip, 33pF, SL CY63 24092294 Chip, 0.03pf, +80%, -20%, 25V CY66 2478130 Chip, 33pF, SL CY67 24781330 Chip, 33pF, SL CY68 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 10μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203100 EL, 10μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24206010 EL, 10μF, ±20%, 50V CY82 24206010 EL, 10μF, ±20%, 50V CY93	CY18	24206478	EL, 0.47μF, 50V
CY21 24781470 Chip, 47pF, SL CY22 24781101 Chip, 110pF, SL CY24 24203101 EL, 100μF, ±20%, 16V CY25 24591104 PF, 0.1μF CY26 24814103 Chip, 0.01μF, ±80%, −20% CY27 24092293 Chip, 0.1μF, ±80%, −20% CY28 24206338 EL, 0.33μF, 50V CY29 24814222 Chip, 2200pF, ±80%, −20% CY30 24781120 Chip, 12pF, SL CY31 24814103 Chip, 0.01μF, ±80%, −20% CY32 24206010 EL, 1μF, ±20%, 50V CY33 24814103 Chip, 0.01μF, ±80%, −20% CY34 2420320 EL, 22μF, ±20%, 16V CY35 24781910 Chip, 100pF, SL CY36 24781101 Chip, 100pF, SL CY37 2478190 Chip, 91pF, SL CY38 24781101 Chip, 100pF, SL CY39 2478120 Chip, 20pF, SL CY41 24203101 EL, 100μF, ±20%, 16V CY42 24092293 Chip, 0.1μF, ±80%, −20% CY44 24206229 EL, 22μF, 50V CY44 24781330 Chip, 33pF, SL CY48 2478130 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 2478130 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY66 2478130 Chip, 33pF, SL CY66 24781101 Chip, 100pF, SL CY66 24781102 Chip, 100pF, SL CY66 2478130 Chip, 33pF, SL CY66 24781102 Chip, 100pF, SL CY66 24781102 Chip, 100pF, SL CY66 2478130 Chip, 33pF, SL CY66 24781102 Chip, 100pF, SL CY66 24781102 Chip, 100pF, SL CY66 2478130 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY60 2478130 Chip, 33pF, SL CY60 2478140 Chip, 47pF, SL CY90 2459			
CY21 24781470 Chip, 47pF, SL CY22 24781101 Chip, 110pF, SL CY24 24203101 EL, 100μF, ±20%, 16V CY25 24591104 PF, 0.1μF CY26 24814103 Chip, 0.01μF, ±80%, −20% CY27 24092293 Chip, 0.1μF, ±80%, −20% CY28 24206338 EL, 0.33μF, 50V CY29 24814222 Chip, 2200pF, ±80%, −20% CY30 24781120 Chip, 12pF, SL CY31 24814103 Chip, 0.01μF, ±80%, −20% CY32 24206010 EL, 1μF, ±20%, 50V CY33 24814103 Chip, 0.01μF, ±80%, −20% CY34 2420320 EL, 22μF, ±20%, 16V CY35 24781910 Chip, 100pF, SL CY36 24781101 Chip, 100pF, SL CY37 2478190 Chip, 91pF, SL CY38 24781101 Chip, 100pF, SL CY39 2478120 Chip, 20pF, SL CY41 24203101 EL, 100μF, ±20%, 16V CY42 24092293 Chip, 0.1μF, ±80%, −20% CY44 24206229 EL, 22μF, 50V CY44 24781330 Chip, 33pF, SL CY48 2478130 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 2478130 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY62 2478130 Chip, 33pF, SL CY66 2478130 Chip, 33pF, SL CY66 24781101 Chip, 100pF, SL CY66 24781102 Chip, 100pF, SL CY66 2478130 Chip, 33pF, SL CY66 24781102 Chip, 100pF, SL CY66 24781102 Chip, 100pF, SL CY66 2478130 Chip, 33pF, SL CY66 24781102 Chip, 100pF, SL CY66 24781102 Chip, 100pF, SL CY66 2478130 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY69 24092293 Chip, 0.1μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY60 2478130 Chip, 33pF, SL CY60 2478140 Chip, 47pF, SL CY90 2459	CY20	24814103	Chip, 0.01µF, +80%, -20%
CY24         24781101         Chip, 100pF, SL           CY25         24591104         PF, 0.1μF           CY26         24814103         Chip, 0.01μF, ±20%, 16V           CY27         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY28         2420638         EL, 0.3μF, 50V           CY29         24814222         Chip, 2200pF, +80%, -20%           CY30         24781120         Chip, 12pF, SL           CY31         24814103         Chip, 0.01μF, +80%, -20%           CY32         24206010         EL, 1μF, ±20%, 50V           CY33         24814103         Chip, 0.01μF, +80%, -20%           CY34         24203220         EL, 22μF, ±20%, 16V           CY34         24203220         EL, 22μF, ±20%, 16V           CY35         24781910         Chip, 91pF, SL           CY36         24781101         Chip, 100pF, SL           CY37         24781920         Chip, 20pF, SL           CY34         24203101         EL, 100μF, ±20%, 16V           CY42         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY44         24206229         EL, 2.2μF, 50V           CY41         24206229         EL, 2.2μF, 50V           CY42         24206229         EL, 2.2μF,		24781470	
CY24         24781101         Chip, 100pF, SL           CY25         24591104         PF, 0.1μF           CY26         24814103         Chip, 0.01μF, ±20%, 16V           CY27         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY28         2420638         EL, 0.3μF, 50V           CY29         24814222         Chip, 2200pF, +80%, -20%           CY30         24781120         Chip, 12pF, SL           CY31         24814103         Chip, 0.01μF, +80%, -20%           CY32         24206010         EL, 1μF, ±20%, 50V           CY33         24814103         Chip, 0.01μF, +80%, -20%           CY34         24203220         EL, 22μF, ±20%, 16V           CY34         24203220         EL, 22μF, ±20%, 16V           CY35         24781910         Chip, 91pF, SL           CY36         24781101         Chip, 100pF, SL           CY37         24781920         Chip, 20pF, SL           CY34         24203101         EL, 100μF, ±20%, 16V           CY42         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY44         24206229         EL, 2.2μF, 50V           CY41         24206229         EL, 2.2μF, 50V           CY42         24206229         EL, 2.2μF,	CY22	24781111	
CY24         24203101         EL, 100μF, ±20%, 16V           CY25         24814103         Chip, 0.1μF, +80%, -20%           CY27         24092293         Chip, 0.1μF, +80%, -20%           CY28         24206338         EL, 0.33μF, 50V           CY29         24814222         Chip, 2200pF, +80%, -20%           CY31         24814103         Chip, 2200pF, +80%, -20%           CY32         24206010         EL, 1μF, ±20%, 50V           CY32         24206010         EL, 1μF, ±20%, 16V           CY34         24203220         EL, 22μF, ±20%, 16V           CY35         24781101         Chip, 01μF, 88           CY36         24781101         Chip, 100pF, SL           CY37         24781910         Chip, 100pF, SL           CY38         24781101         Chip, 100pF, SL           CY38         24781101         Chip, 0.1μF, +80%, -20%, 25V           EL, 100μF, ±20%, 16V         CY42         24092293           CY41         24206229         EL, 2.2μF, 50V           CY44         24781330         Chip, 33pF,	CY23	24781101	
CY26 CY27 CY28 CY28 CY28 CY28 CY28 CY28 CY28 CY29 CY28 CY29 CY28 CY29 CY29 CY29 CY29 CY29 CY30 CY30 CY31 CY31 CY31 CY31 CY31 CY31 CY32 CY32 CY32 CY32 CY33 CY32 CY32 CY33 CY32 CY33 CY34 CY32 CY34 CY35 CY34 CY35 CY34 CY35 CY36 CY36 CY37 CY36 CY37 CY37 CY37 CY38 CY38 CY38 CY39 CY39 CY39 CY39 CY39 CY39 CY39 CY39		24203101	EL, 100μF, ±20%, 16V
CY27	CY25	24591104	
CY28	CY26	24814103	Chip, 0.01µF, +80%, −20%
CY29	CY27	24092293	Chip, 0.1µF, +80%, -20%, 25V
CY30	CY28	24206338	• •
CY31	CY29	24814222	
CY32 24206010 EL, 1μF, ±20%, 50V CY33 24814103 Chip, 0.01μF, +80%, -20% CY34 24203220 EL, 22μF, ±20%, 16V CY35 24781910 Chip, 91pF, SL CY36 24781101 Chip, 100pF, SL CY37 24781910 Chip, 91pF, SL CY38 24781101 Chip, 100pF, SL CY38 24781820 Chip, 82pF, SL CY41 24203101 EL, 100μF, ±20%, 16V CY42 24092293 Chip, 0.1μF, +80%, -20%, 25V CY44 24206229 EL, 2.2μF, 50V CY44 24206229 EL, 2.2μF, 50V CY45 24206229 EL, 2.2μF, 50V CY46 24781330 Chip, 33pF, SL CY47 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 2478130 Chip, 33pF, SL CY60 24781101 Chip, 100pF, SL CY62 2478130 Chip, 33pF, SL CY61 24781101 Chip, 100pF, SL CY62 2478130 Chip, 0.33μF, +80%, -20%, 16V CY65 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 10μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY73 24781330 Chip, 33pF, SL CY73 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY75 24774030 Chip, 33pF, SL CY75 24774030 Chip, 33pF, SL CY75 24774030 Chip, 33pF, SL CY76 24774030 Chip, 33pF, SL CY76 24774030 Chip, 3pF, ±0.25pF, CH CY78 24203100 EL, 10μF, ±20%, 16V CY88 24203100 EL, 10μF, ±20%, 16V CY82 2420329 EL, 2.2μF, 50V CY84 24203100 EL, 10μF, ±20%, 16V CY84 2420430 EL, 33μF, ±0.2%, 50V CY84 24206229 EL, 2.2μF, 50V CY84 2420610 EL, 1μF, ±20%, 50V CY86 24781110 Chip, 110pF, SL CY99 24591683 PF, 0.068μF CY91 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY92 24781470 Chip, 47pF, SL CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			
CY33			
CY34 CY35 CY36 CY36 CY37 CY36 CY37 CY38 CY37 CY38 CY37 CY38 CY38 CY38 CY39 CY38 CY38 CY39 CY481101 Chip, 100pF, SL CY39 CY48120 Chip, 82pF, SL CY41 CY402293 Chip, 0.1μF, +80%, -20%, 25V CY41 CY42 CY402293 Chip, 0.1μF, +80%, -20%, 25V CY43 CY42 CY42 CY43 CY406229 CL, 2.2μF, 50V CY44 CY45 CY46 CY47 CY48 CY47 CY48 CY48 CY481330 Chip, 33pF, SL CY49 CY48 CY48 CY481330 Chip, 33pF, SL CY49 CY48 CY481330 Chip, 33pF, SL CY60 CY48 CY481330 Chip, 33pF, SL CY61 CY61 CY62 CY63 CY61 CY61 CY63 CY63 CY63 CY63 CY69 CY65 CY63 CY69 CY66 CY66 CY67 CY66 CY78 CY70 CY20 CY70 CY20 CY70 CY20 CY70 CY70 CY70 CY70 CY70 CY70 CY70 CY7			EL, 1μF, ±20%, 50V
CY35 CY36 CY36 CY37 CY37 CY37 CY38 CY381101 Chip, 100pF, SL CY38 CY381201 Chip, 100pF, SL CY38 CY381201 Chip, 100pF, SL CY38 CY381201 Chip, 100pF, SL CY39 CY41 CY421 CY421 CY422 CY422293 Chip, 0.1μF, ±20%, 16V CY42 CY44 CY426229 EL, 2.2μF, 50V CY44 CY45 CY46 CY45 CY46 CY47 CY48 CY47 CY48 CY481330 Chip, 33pF, SL CY47 CY48 CY481330 Chip, 33pF, SL CY49 CY49 CY48 CY481330 Chip, 33pF, SL CY60 CY61 CY61 CY62 CY63 CY62 CY63 CY62 CY63 CY63 CY66 CY65 CY66 CY66 CY66 CY66 CY67 CY66 CY70 CY66 CY70 CY69 CY70 CY69 CY70 CY69 CY70 CY70 CY70 CY70 CY71 CY71 CY71 CY71 CY72 CY73 CY73 CY74 CY74 CY75 CY74 CY75 CY76 CY76 CY76 CY77 CY77 CY70 CY70 CY70 CY70 CY70 CY70	•		Chip, $0.01\mu$ F, $+80\%$ , $-20\%$
CY36 CY37 CY38 CY38 CY37 CY38 CY38 CY39 CY38 CY39 CY4781101 Chip, 91pF, SL CY39 CY4781820 Chip, 82pF, SL CY41 CY42 CY4092293 Chip, 0.1μF, +80%, -20%, 25V CY43 CY42 CY42 CY406229 CL, 2.2μF, 50V CY44 CY45 CY46 CY47 CY47 CY48 CY47 CY48 CY481330 Chip, 33pF, SL CY49 CY48 CY481330 Chip, 33pF, SL CY49 CY48 CY481330 Chip, 33pF, SL CY60 CY61 CY61 CY62 CY63 CY61 CY62 CY63 CY63 CY63 CY65 CY63 CY66 CY66 CY66 CY66 CY66 CY781102 CY69 CY69 CY70 CY69 CY70 CY60 CY70 CY70 CY70 CY70 CY70 CY70 CY70 CY7			· · · · · · · · · · · · · · · · · · ·
CY37 CY38 CY38 CY38 CY38 CY38 CY38 CY4781101 Chip, 100pF, SL Chip, 22pF, SL CY41 CY42 CY403101 CY42 CY4092293 Chip, 0.1μF, +80%, -20%, 25V CY43 CY45 CY45 CY46 CY45 CY46 CY47 CY47 CY48 CY47 CY48 CY48 CY48 CY48 CY48 CY48 CY48 CY49 CY48 CY48 CY48 CY48 CY48 CY48 CY48 CY48			• • •
CY38			
CY39 CY41 CY41 CY42 CY42 CY42 C4092293 Chip, 0.1μF, +80%, -20%, 25V CY43 CY44 CY42 CY46229 EL, 2.2μF, 50V CY44 CY46 CY45 CY46 CY47 CY46 CY47 CY47 CY48 CY47 CY48 CY48 CY48 CY48 CY48 CY48 CY48 CY49 CY49 CY49 CY49 CY49 CY48 CY48 CY48 CY48 CY48 CY49 CY49 CY49 CY49 CY49 CY49 CY49 CY49			• • • • • •
CY41	Í		
CY42 24092293 Chip, 0.1μF, +80%, -20%, 25V CY43 24206229 EL, 2.2μF, 50V CY44 24206229 EL, 2.2μF, 50V CY45 24206229 EL, 2.2μF, 50V CY46 24781330 Chip, 33pF, SL CY47 24781330 Chip, 33pF, SL CY48 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 24781101 Chip, 100pF, SL CY62 24781330 Chip, 33pF, SL CY63 24092294 Chip, 0.33μF, +80%, -20%, 16V CY65 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 100μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY75 24774030 Chip, 33pF, SL CY76 24774030 Chip, 33pF, SL CY76 24774030 Chip, 3pF, ±0.25pF, CH CY76 24774030 Chip, 3pF, ±0.25pF, CH CY78 24203100 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24092293 Chip, 0.1μF, +80%, -20%, 25V CY82 2420629 EL, 2.2μF, 50V CY84 24204330 EL, 33μF, ±20%, 50V CY84 24204330 EL, 33μF, ±20%, 50V CY84 2420629 EL, 2.2μF, 50V CY84 24206300 EL, 1μF, ±20%, 50V CY87 24203100 EL, 1μF, ±20%, 50V CY88 24781111 Chip, 110pF, SL CY89 24206010 EL, 1μF, ±20%, 50V CY89 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY93 24206010 EL, 1μF, ±20%, 50V CY94 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			
CY43 CY44 CY44 CY46229 CY45 CY45 CY46 CY46 CY47 CY46 CY47 CY48 CY47 CY48 CY47 CY48 CY48 CY48 CY47 CY48 CY48 CY48 CY48 CY48 CY48 CY48 CY48			
CY44 24206229 EL, 2.2μF, 50V CY45 24206229 EL, 2.2μF, 50V CY46 24781330 Chip, 33pF, SL CY47 24781330 Chip, 33pF, SL CY48 24781330 Chip, 33pF, SL CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 24781130 Chip, 100pF, SL CY62 24781330 Chip, 33pF, SL CY63 24092294 Chip, 0.33μF, +80%, -20%, 16V CY65 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 100μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY73 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY76 24774030 Chip, 33pF, ±0.25pF, CH CY76 24774030 Chip, 3pF, ±0.25pF, CH CY76 24774030 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24092293 Chip, 0.1μF, +80%, -20%, 25V CY82 2420629 EL, 2.2μF, 50V CY82 2420629 EL, 2.2μF, 50V CY84 24204330 EL, 33μF, ±20%, 25V CY84 2420430 EL, 10μF, ±20%, 50V CY84 2420430 EL, 10μF, ±20%, 50V CY87 24203100 EL, 10μF, ±20%, 50V CY88 24781111 Chip, 110pF, SL CY89 24781180 Chip, 18pF, SL CY90 24591683 PF, 0.068μF CY91 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY93 24206010 EL, 1μF, ±20%, 50V CY94 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			· · · · · · · · · · · · · · · · · · ·
CY45         24206229         EL, 2.2μF, 50V           CY46         24781330         Chip, 33pF, SL           CY47         24781330         Chip, 33pF, SL           CY49         24781330         Chip, 33pF, SL           CY60         24781330         Chip, 33pF, SL           CY61         24781101         Chip, 100pF, SL           CY62         2478130         Chip, 33pF, SL           CY63         24092294         Chip, 0.33μF, +80%, -20%, 16V           CY65         24781102         Chip, 1000pF, SL           CY66         24781102         Chip, 1000pF, SL           CY69         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY70         24203101         EL, 100μF, ±20%, 16V           CY71         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY73         24781330         Chip, 3pF, ±0.25pF, CH           CY73         24781330         Chip, 3pF, ±0.25pF, CH           CY74         24781300         Chip, 3pF, ±0.25pF, CH           CY76         24774030         Chip, 3pF, ±0.25pF, CH			• •
CY46 CY47 CY48 CY47 CY48 CY48 CY48 CY48 CY48 CY48 CY48 CY48			
CY47         24781330         Chip, 33pF, SL           CY48         24781330         Chip, 33pF, SL           CY49         24781330         Chip, 33pF, SL           CY60         24781330         Chip, 33pF, SL           CY61         24781330         Chip, 100pF, SL           CY62         24781330         Chip, 1000pF, SL           CY63         24092294         Chip, 1000pF, SL           CY65         24781102         Chip, 1000pF, SL           CY66         24781102         Chip, 1000pF, SL           CY69         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY70         24203101         EL, 100μF, ±20%, 16V           CY71         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY73         24781330         Chip, 33pF, SL           CY74         24781330         Chip, 33pF, SL           CY74         24781330         Chip, 3pF, ±0.25pF, CH           CY75         24774030         Chip, 3pF, ±0.25pF, CH           CY76         24774030         Chip, 3pF, ±0.25pF, CH           CY78         24203100         EL, 10μF, ±20%, 16V           CY79         24203100         EL, 10μF, ±20%, 16V			
CY48			
CY49 24781330 Chip, 33pF, SL CY60 24781330 Chip, 33pF, SL CY61 24781101 Chip, 100pF, SL CY62 24781330 Chip, 33pF, SL CY63 24092294 Chip, 0.33μF, +80%, -20%, 16V CY65 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 100μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY73 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY75 24774030 Chip, 3pF, ±0.25pF, CH CY76 24774030 Chip, 3pF, ±0.25pF, CH CY78 24203100 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24206229 EL, 2.2μF, 50V CY82 24206229 EL, 2.2μF, 50V CY84 24204330 EL, 33μF, ±20%, 25V CY86 24206010 EL, 1μF, ±20%, 50V CY87 24203100 EL, 10μF, ±20%, 16V CY89 24206010 EL, 1μF, ±20%, 50V CY88 24781111 Chip, 110pF, SL CY89 24206010 EL, 1μF, ±20%, 50V CY90 24591683 PF, 0.068μF CY91 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY93 24206010 EL, 1μF, ±20%, 50V CY94 24781470 Chip, 47pF, SL CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			
CY60 24781330 Chip, 33pF, SL CY61 24781101 Chip, 100pF, SL CY62 24781330 Chip, 33pF, SL CY63 24092294 Chip, 0.33μF, +80%, -20%, 16V CY65 24781102 Chip, 1000pF, SL CY66 24781102 Chip, 1000pF, SL CY69 24092293 Chip, 0.1μF, +80%, -20%, 25V CY70 24203101 EL, 100μF, ±20%, 16V CY71 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY73 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY74 24774030 Chip, 33pF, ±0.25pF, CH CY76 24774030 Chip, 3pF, ±0.25pF, CH CY78 24203100 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24092293 Chip, 0.1μF, +80%, -20%, 25V CY82 24206229 EL, 2.2μF, 50V CY83 24206229 EL, 2.2μF, 50V CY84 24206329 EL, 2.2μF, 50V CY84 24206329 EL, 2.2μF, 50V CY85 24206010 EL, 1μF, ±20%, 50V CY87 24203100 EL, 10μF, ±20%, 16V CY88 24781111 Chip, 110pF, SL CY89 24206010 EL, 1μF, ±20%, 50V CY89 24591683 PF, 0.068μF CY91 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY93 24206010 EL, 1μF, ±20%, 50V CY94 24781470 Chip, 47pF, SL CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			
CY61			
CY62         24781330         Chip, 33pF, SL           CY63         24092294         Chip, 0.33μF, +80%, -20%, 16V           CY65         24781102         Chip, 1000pF, SL           CY66         24781102         Chip, 1000pF, SL           CY69         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY70         24203101         EL, 100μF, ±20%, 16V           CY71         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY74         24781330         Chip, 33pF, SL           CY74         24781330         Chip, 33pF, SL           CY75         24774030         Chip, 3pF, ±0.25pF, CH           CY76         24774030         Chip, 3pF, ±0.25pF, CH           CY78         24203100         EL, 10μF, ±20%, 16V           CY79         24203100         EL, 10μF, ±20%, 16V           CY80         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY81         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY82         24206229         EL, 2.2μF, 50V           CY83         24206229         EL, 2.2μF, 50V           CY84         24206300         EL, 1μF, ±20%, 50V           CY86         24206010			
CY63         24092294         Chip, 0.33μF, +80%, -20%, 16V           CY65         24781102         Chip, 1000pF, SL           CY66         24781102         Chip, 1000pF, SL           CY69         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY70         24203101         EL, 100μF, ±20%, 16V           CY71         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY74         24781330         Chip, 33pF, SL           CY75         24774030         Chip, 3pF, ±0.25pF, CH           CY76         24774030         Chip, 3pF, ±0.25pF, CH           CY78         24203100         EL, 10μF, ±20%, 16V           CY79         24203100         EL, 10μF, ±20%, 16V           CY80         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY81         24092293         Chip, 0.1μF, +80%, -20%, 25V           CY82         24206229         EL, 2.2μF, 50V           CY83         24206229         EL, 2.2μF, 50V           CY84         24206209         EL, 33μF, ±20%, 50V           CY86         24206010         EL, 1μF, ±20%, 50V           CY89         24206010         EL, 1μF, ±20%, 50V           CY90         24591683			
CY65         24781102         Chip, 1000pF, SL           CY66         24781102         Chip, 1000pF, SL           CY69         24092293         Chip, 0.1 $\mu$ F, +80%, -20%, 25V           CY70         24203101         EL, 100 $\mu$ F, ±20%, 16V           CY71         24781330         Chip, 33pF, SL           CY72         24781330         Chip, 33pF, SL           CY74         24781330         Chip, 33pF, SL           CY75         24774030         Chip, 3pF, ±0.25pF, CH           CY76         24774030         Chip, 3pF, ±0.25pF, CH           CY78         24203100         EL, 10 $\mu$ F, ±20%, 16V           CY79         24203100         EL, 10 $\mu$ F, ±20%, 16V           CY80         24092293         Chip, 0.1 $\mu$ F, +80%, -20%, 25V           CY81         24092293         Chip, 0.1 $\mu$ F, +80%, -20%, 25V           CY82         24206229         EL, 2.2 $\mu$ F, 50V           CY83         24206229         EL, 2.2 $\mu$ F, 50V           CY84         24206209         EL, 1 $\mu$ F, ±20%, 50V           CY86         24206010         EL, 1 $\mu$ F, ±20%, 50V           CY89         24206010         EL, 1 $\mu$ F, ±20%, 50V           CY90         24591683         PF, 0.068 $\mu$ F           CY91         2478118			Chip, 0.33µF, +80%, -20%, 16V
CY66         24781102         Chip, 1000pF, SL           CY69         24092293         Chip, $0.1\mu\text{F}$ , $+80\%$ , $-20\%$ , $25\text{V}$ CY70         24203101         EL, $100\mu\text{F}$ , $\pm 20\%$ , $16\text{V}$ CY71         24781330         Chip, $33\text{pF}$ , SL           CY72         24781330         Chip, $33\text{pF}$ , SL           CY74         24781330         Chip, $33\text{pF}$ , SL           CY74         24781330         Chip, $33\text{pF}$ , SL           CY75         24774030         Chip, $3\text{pF}$ , $\pm 0.25\text{pF}$ , CH           CY76         24774030         Chip, $3\text{pF}$ , $\pm 0.25\text{pF}$ , CH           CY78         24203100         EL, $10\mu\text{F}$ , $\pm 20\%$ , $16\text{V}$ CY79         24203100         EL, $10\mu\text{F}$ , $\pm 20\%$ , $16\text{V}$ CY80         24092293         Chip, $0.1\mu\text{F}$ , $\pm 80\%$ , $-20\%$ , $25\text{V}$ CY81         24092293         Chip, $0.1\mu\text{F}$ , $\pm 80\%$ , $-20\%$ , $25\text{V}$ CY82         24206229         EL, $2.2\mu\text{F}$ , $50\text{V}$ CY83         24206229         EL, $2.2\mu\text{F}$ , $50\text{V}$ CY84         24204330         EL, $3\mu\text{F}$ , $\pm 20\%$ , $50\text{V}$ CY86         24206010         EL, $1\mu\text{F}$ , $\pm 20\%$ , $50\text{V}$ CY89         24781111         Chip, $18\text{pF}$ , SL			
CY70 24203101 EL, $100\mu$ F, $\pm 20\%$ , $16V$ CY71 24781330 Chip, $33p$ F, SL CY72 24781330 Chip, $33p$ F, SL CY73 24781330 Chip, $33p$ F, SL CY74 24781330 Chip, $33p$ F, SL CY75 24774030 Chip, $3p$ F, $\pm 0.25p$ F, CH CY76 24774030 Chip, $3p$ F, $\pm 0.25p$ F, CH CY78 24203100 EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY79 24203100 EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY80 24092293 Chip, $0.1\mu$ F, $\pm 80\%$ , $-20\%$ , $25V$ CY81 24092293 Chip, $0.1\mu$ F, $\pm 80\%$ , $-20\%$ , $25V$ CY82 24206229 EL, $2.2\mu$ F, $50V$ CY83 24206229 EL, $2.2\mu$ F, $50V$ CY84 24204330 EL, $33\mu$ F, $\pm 20\%$ , $25V$ CY86 2420610 EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY87 24203100 EL, $10\mu$ F, $\pm 20\%$ , $50V$ CY88 24781111 Chip, $110\mu$ F, $\pm 20\%$ , $16V$ CY88 24781111 Chip, $110\mu$ F, $\pm 20\%$ , $50V$ CY90 24591683 PF, $0.068\mu$ F CY91 2478180 Chip, $18\mu$ F, SL CY92 24781180 Chip, $18\mu$ F, SL CY93 24206010 EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY94 24781470 Chip, $47\mu$ F, SL CY95 24781470 Chip, $47\mu$ F, SL CY96 24781470 Chip, $47\mu$ F, SL CY96 24781470 Chip, $47\mu$ F, SL		24781102	
CY71 24781330 Chip, 33pF, SL CY72 24781330 Chip, 33pF, SL CY73 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY74 24781330 Chip, 3pF, ±0.25pF, CH CY75 24774030 Chip, 3pF, ±0.25pF, CH CY76 24774030 Chip, 3pF, ±0.25pF, CH CY78 24203100 EL, 10μF, ±20%, 16V CY79 24203100 EL, 10μF, ±20%, 16V CY80 24092293 Chip, 0.1μF, +80%, -20%, 25V CY81 24092293 Chip, 0.1μF, +80%, -20%, 25V CY82 24206229 EL, 2.2μF, 50V CY83 24206229 EL, 2.2μF, 50V CY84 24204330 EL, 33μF, ±20%, 25V CY86 24206010 EL, 1μF, ±20%, 50V CY87 24203100 EL, 10μF, ±20%, 16V CY88 24781111 Chip, 110pF, SL CY89 24206010 EL, 1μF, ±20%, 50V CY90 24591683 PF, 0.068μF CY91 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY93 24206010 EL, 1μF, ±20%, 50V CY94 24781470 Chip, 47pF, SL CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL	CY69	24092293	Chip, 0.1μF, +80%, -20%, 25V
CY72       24781330       Chip, 33pF, SL         CY73       24781330       Chip, 33pF, SL         CY74       24781330       Chip, 33pF, $\pm 0.25pF$ , CH         CY75       24774030       Chip, 3pF, $\pm 0.25pF$ , CH         CY76       24774030       Chip, 3pF, $\pm 0.25pF$ , CH         CY78       24203100       EL, $10\mu F$ , $\pm 20\%$ , $16V$ CY79       24203100       EL, $10\mu F$ , $\pm 20\%$ , $16V$ CY80       24092293       Chip, $0.1\mu F$ , $\pm 80\%$ , $-20\%$ , $25V$ CY81       24092293       Chip, $0.1\mu F$ , $\pm 80\%$ , $-20\%$ , $25V$ CY82       24206229       EL, $2.2\mu F$ , $50V$ CY83       24206229       EL, $2.2\mu F$ , $50V$ CY84       24204330       EL, $33\mu F$ , $\pm 20\%$ , $25V$ CY86       24206010       EL, $1\mu F$ , $\pm 20\%$ , $50V$ CY87       24203100       EL, $10\mu F$ , $\pm 20\%$ , $50V$ CY88       24781111       Chip, $110\mu F$ , $\pm 20\%$ , $50V$ CY90       24591683       PF, $0.068\mu F$ CY91       24781180       Chip, $18\mu F$ , SL         CY92       24781180       Chip, $18\mu F$ , SL         CY93       24206010       EL, $1\mu F$ , $\pm 20\%$ , $50V$ CY94       24781470       Chip, $47\mu F$	CY70	24203101	EL, 100μF, ±20%, 16V
CY73 24781330 Chip, 33pF, SL CY74 24781330 Chip, 33pF, SL CY75 24774030 Chip, 3pF, $\pm 0.25$ pF, CH CY76 24774030 Chip, 3pF, $\pm 0.25$ pF, CH CY78 24203100 EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY79 24203100 EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY80 24092293 Chip, $0.1\mu$ F, $\pm 80\%$ , $-20\%$ , $25V$ CY81 24092293 Chip, $0.1\mu$ F, $\pm 80\%$ , $-20\%$ , $25V$ CY82 24206229 EL, $2.2\mu$ F, $50V$ CY83 24206229 EL, $2.2\mu$ F, $50V$ CY84 24204330 EL, $33\mu$ F, $\pm 20\%$ , $25V$ CY86 24206010 EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY87 24203100 EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY88 24781111 Chip, $110\mu$ F, $\pm 20\%$ , $16V$ CY89 24206010 EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY90 24591683 PF, $0.068\mu$ F CY91 24781180 Chip, $18\mu$ F, SL CY92 24781180 Chip, $18\mu$ F, SL CY93 24206010 EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY94 24781470 Chip, $47\mu$ F, SL CY95 24781470 Chip, $47\mu$ F, SL	CY71	24781330	Chip, 33pF, SL
CY74         24781330         Chip, 33pF, SL           CY75         24774030         Chip, 3pF, $\pm 0.25$ pF, CH           CY76         24774030         Chip, 3pF, $\pm 0.25$ pF, CH           CY78         24203100         EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY79         24203100         EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY80         24092293         Chip, $0.1\mu$ F, $\pm 80\%$ , $-20\%$ , $25V$ CY81         24092293         Chip, $0.1\mu$ F, $\pm 80\%$ , $-20\%$ , $25V$ CY82         24206229         EL, $2.2\mu$ F, $50V$ CY83         24206229         EL, $2.2\mu$ F, $50V$ CY84         24204330         EL, $33\mu$ F, $\pm 20\%$ , $25V$ CY86         24206010         EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY87         24203100         EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY88         24781111         Chip, $110\mu$ F, $\pm 20\%$ , $50V$ CY90         24591683         PF, $0.068\mu$ F           CY91         24781180         Chip, $18\mu$ F, SL           CY92         24781180         Chip, $18\mu$ F, SL           CY93         24206010         EL, $1\mu$ F, $\pm 20\%$ , $50V$ CY94         24781470         Chip, $47\mu$ F, SL           CY95         24781470         Chip, $47\mu$ F, SL	CY72		
CY75         24774030         Chip, 3pF, $\pm 0.25$ pF, CH           CY76         24774030         Chip, 3pF, $\pm 0.25$ pF, CH           CY78         24203100         EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY79         24203100         EL, $10\mu$ F, $\pm 20\%$ , $16V$ CY80         24092293         Chip, $0.1\mu$ F, $\pm 80\%$ , $\pm 20\%$ , $\pm 25V$ CY81         24092293         Chip, $0.1\mu$ F, $\pm 80\%$ , $\pm 20\%$ , $\pm 25V$ CY82         24206229         EL, $2.2\mu$ F, $\pm 50V$ CY83         24206229         EL, $2.2\mu$ F, $\pm 50V$ CY84         24204330         EL, $33\mu$ F, $\pm 20\%$ , $\pm 25V$ CY86         24206010         EL, $1\mu$ F, $\pm 20\%$ , $\pm 50V$ CY87         24203100         EL, $10\mu$ F, $\pm 20\%$ , $\pm 50V$ CY88         24781111         Chip, $\pm 10\mu$ F, $\pm 20\%$ , $\pm 50V$ CY90         24591683         PF, $\pm 100\%$ , $\pm 100\%$ CY91         24781180         Chip, $\pm 100\%$ , $\pm 100\%$ CY92         24781180         Chip, $\pm 100\%$ , $\pm 100\%$ CY93         24206010         EL, $\pm 100\%$ , $\pm 100\%$ CY94         24781470         Chip, $\pm 100\%$ , $\pm 100\%$ CY95         24781470         Chip, $\pm 100\%$ , $\pm 100\%$ CY96	CY73	24781330	Chip, 33pF, SL
CY76         24774030         Chip, 3pF, $\pm 0.25$ pF, CH           CY78         24203100         EL, $10\mu\text{F}$ , $\pm 20\%$ , $16\text{V}$ CY79         24203100         EL, $10\mu\text{F}$ , $\pm 20\%$ , $16\text{V}$ CY80         24092293         Chip, $0.1\mu\text{F}$ , $\pm 80\%$ , $-20\%$ , $25\text{V}$ CY81         24092293         Chip, $0.1\mu\text{F}$ , $\pm 80\%$ , $-20\%$ , $25\text{V}$ CY82         24206229         EL, $2.2\mu\text{F}$ , $50\text{V}$ CY83         24206229         EL, $2.2\mu\text{F}$ , $50\text{V}$ CY84         24204330         EL, $33\mu\text{F}$ , $\pm 20\%$ , $25\text{V}$ CY86         24206010         EL, $1\mu\text{F}$ , $\pm 20\%$ , $50\text{V}$ CY87         24203100         EL, $10\mu\text{F}$ , $\pm 20\%$ , $50\text{V}$ CY88         24781111         Chip, $110\mu\text{F}$ , SL           CY89         24206010         EL, $1\mu\text{F}$ , $\pm 20\%$ , $50\text{V}$ CY90         24591683         PF, $0.068\mu\text{F}$ CY91         24781180         Chip, $18\mu\text{F}$ , SL           CY92         24781180         Chip, $18\mu\text{F}$ , SL           CY93         24206010         EL, $1\mu\text{F}$ , $\pm 20\%$ , $50\text{V}$ CY94         24781470         Chip, $47\mu\text{F}$ , SL           CY95         24781470         Chip, $47\mu\text{F}$ , SL	CY74	24781330	
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CY80 24092293 Chip, $0.1\mu$ F, $+80\%$ , $-20\%$ , 25V CY81 24092293 Chip, $0.1\mu$ F, $+80\%$ , $-20\%$ , 25V CY82 24206229 EL, $2.2\mu$ F, 50V CY83 24206229 EL, $2.2\mu$ F, 50V CY84 24204330 EL, $33\mu$ F, $\pm 20\%$ , 25V CY86 24206010 EL, $1\mu$ F, $\pm 20\%$ , 50V CY87 24203100 EL, $10\mu$ F, $\pm 20\%$ , 16V CY88 24781111 Chip, 110pF, SL CY89 24206010 EL, $1\mu$ F, $\pm 20\%$ , 50V CY90 24591683 PF, $0.068\mu$ F CY91 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY92 24781180 Chip, 18pF, SL CY93 24206010 EL, $1\mu$ F, $\pm 20\%$ , 50V CY94 24781470 Chip, 47pF, SL CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			
CY81 $24092293$ Chip, $0.1\mu\text{F}$ , $+80\%$ , $-20\%$ , $25\text{V}$ CY82 $24206229$ EL, $2.2\mu\text{F}$ , $50\text{V}$ CY83 $24206229$ EL, $2.2\mu\text{F}$ , $50\text{V}$ CY84 $24204330$ EL, $33\mu\text{F}$ , $\pm20\%$ , $25\text{V}$ CY86 $24206010$ EL, $1\mu\text{F}$ , $\pm20\%$ , $16\text{V}$ CY87 $24203100$ EL, $10\mu\text{F}$ , $\pm20\%$ , $16\text{V}$ CY88 $24781111$ Chip, $110\mu\text{F}$ , SL         CY89 $24206010$ EL, $1\mu\text{F}$ , $\pm20\%$ , $50\text{V}$ CY90 $24591683$ PF, $0.068\mu\text{F}$ CY91 $24781180$ Chip, $18\mu\text{F}$ , SL         CY92 $24781180$ Chip, $18\mu\text{F}$ , SL         CY93 $24206010$ EL, $1\mu\text{F}$ , $\pm20\%$ , $50\text{V}$ CY94 $24781470$ Chip, $47\mu\text{F}$ , SL         CY95 $24781470$ Chip, $47\mu\text{F}$ , SL         CY96 $24781470$ Chip, $47\mu\text{F}$ , SL			
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$			• •
CY86         24206010         EL, $1\mu$ F, $\pm 20\%$ , 50V           CY87         24203100         EL, $10\mu$ F, $\pm 20\%$ , 16V           CY88         24781111         Chip, 110pF, SL           CY89         24206010         EL, $1\mu$ F, $\pm 20\%$ , 50V           CY90         24591683         PF, 0.068μF           CY91         24781180         Chip, 18pF, SL           CY92         24781180         Chip, 18pF, SL           CY93         24206010         EL, $1\mu$ F, $\pm 20\%$ , 50V           CY94         24781470         Chip, 47pF, SL           CY95         24781470         Chip, 47pF, SL           CY96         24781470         Chip, 47pF, SL	1		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
CY89       24206010       EL, $1μF$ , $\pm 20\%$ , 50V         CY90       24591683       PF, 0.068μF         CY91       24781180       Chip, 18pF, SL         CY92       24781180       Chip, 18pF, SL         CY93       24206010       EL, $1μF$ , $\pm 20\%$ , 50V         CY94       24781470       Chip, 47pF, SL         CY95       24781470       Chip, 47pF, SL         CY96       24781470       Chip, 47pF, SL	l .		
CY90       24591683       PF, 0.068μF         CY91       24781180       Chip, 18pF, SL         CY92       24781180       Chip, 18pF, SL         CY93       24206010       EL, 1μF, ±20%, 50V         CY94       24781470       Chip, 47pF, SL         CY95       24781470       Chip, 47pF, SL         CY96       24781470       Chip, 47pF, SL	1		
CY91       24781180       Chip, 18pF, SL         CY92       24781180       Chip, 18pF, SL         CY93       24206010       EL, 1μF, ±20%, 50V         CY94       24781470       Chip, 47pF, SL         CY95       24781470       Chip, 47pF, SL         CY96       24781470       Chip, 47pF, SL			
CY92       24781180       Chip, 18pF, SL         CY93       24206010       EL, $1\mu$ F, $\pm$ 20%, 50V         CY94       24781470       Chip, 47pF, SL         CY95       24781470       Chip, 47pF, SL         CY96       24781470       Chip, 47pF, SL	1		
CY93       24206010       EL, 1μF, ±20%, 50V         CY94       24781470       Chip, 47pF, SL         CY95       24781470       Chip, 47pF, SL         CY96       24781470       Chip, 47pF, SL	ł.		
CY94 24781470 Chip, 47pF, SL CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL			
CY95 24781470 Chip, 47pF, SL CY96 24781470 Chip, 47pF, SL	i		• •
CY96 24781470 Chip, 47pF, SL	1		
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Location	Part No.	Description
No.	antivo.	Description
CV400	0.4704004	Chin 200nE Cl
CY100	24781201	Chip, 200pF, SL
CY102	24814103	Chip, 0.01µF, +80%, -20%
CY103	24781111	Chip, 110pF, SL
CY104	24092293	Chip, 0.1µF, +80%, -20%, 25V
CY105	24092293	Chip, 0.1µF, +80%, -20%, 25V
CY106	24781182	Chip, 1800pF, SL EL, 100 <i>µ</i> F, ±20%, 16V
CZ01	24763101 24232103	EL, 100μF, ±20%, 16V CD, 0.01μF, +80%, –20%
CZ02 CZ03	24232103	CD, 0.01µF, +80%, -20% CD, 11pF
CZ03 CZ05	24232103	CD, 11pr CD, 0.01μF, +80%, -20%
CZ05 CZ06	24232103	CD, 0.01μF, +80%, -20% CD, 0.01μF, +80%, -20%
CZ08 CZ07	24206339	EL, 3.3µF, 50V
CZ07	24232103	CD, 0.01µF, +80%, -20%
CZ08	24203100	EL, 10μF, ±20%, 16V
CZ10	24232103	CD, 0.01µF, +80%, -20%
CZ10	24436220	CD, 22pF
CZ12	24436680	CD, 68pF
CZ14	24436220	CD, 22pF
CZ15	24436560	CD, 56pF
CZ16	24203220	EL, 22μF, ±20%, 16V
CZ17	24436181	CD, 180pF
CZ18	24436620	CD, 62pF
CZ19	24436200	CD, 20pF
CZ22	24436100	CD, 10pF, ±0.25pF
CZ23	24436101	CD, 100pF
CZ24	24436200	CD, 20pF
CZ25	24212102	CD, 1000pF, ±10%
CZ37	24436101	CD, 100pF
CZ38	24206010	EL, 1μF, ±20%, 50V
CZ39	24206479	EL, 4.7 <i>μ</i> F, 50V
CZ40	24436121	CD, 120pF
CZ41	24206479	EL, 4.7μF, 50V
CZ42	24206479	EL, $4.7\mu$ F, 50V
CZ43	24232103	CD, 0.01µF, +80%, -20%
CZ45	24795330	EL, 33μF, ±20%, 25V
CZ46	24206479	EL, 4.7 µF, 50V
CZ47	24206479	EL, 4.7μF, 50V
CZ48	24206010	EL, 1μF, ±20%, 50V
CZ49	24206108	EL, 0.1µF, 50V
CZ59	24436390 24795330	CD, 39pF FL 33yF +20% 25V
CZ63 CZ64	24795330 24436560	EL, 33μF, ±20%, 25V CD, 56οF
CZ64 CZ65	24436560 24436241	CD, 56pF CD, 240pF
CZ65 CZ67	24436241 24232103	CD, 240pF CD, 0.01μF, +80%, –20%
CZ67 CZ68	24232103 24232103	CD, 0.01μF, +80%, -20% CD, 0.01μF, +80%, -20%
CZ68 CZ69	24232103	CD, 0.01μF, +80%, -20% CD, 0.01μF, +80%, -20%
CZ69 CZ70	24232103	CD, 0.01μF, +80%, -20% CD, 0.01μF, +80%, -20%
1 52/0	_ <b>-</b> ∠∪∠ (U3	, , +00 /0, -20 /0
RESISTORS		
1	24366332	CF, 3300 ohm
R001	24366332 24366101	CF, 3300 onm CF, 100 ohm
R060 R061	24366101 24366101	CF, 100 ohm CF, 100 ohm
R061 R201	24366101	CF, 100 onm CF, 1k ohm
R201 R202	24366102	CF, 1k ohm
R202	24366102	CF, 1k ohm
R204	24366332	CF, 3300 ohm
R204 R205	24366821	CF, 820 ohm
R205	24366821	CF, 820 ohm
R207	24366151	CF, 150 ohm
R210	24366562	CF, 150 0hm
R211	24366101	CF, 100 ohm
R212	24366334	CF, 330k ohm
R213	24366201	CF, 200 ohm
R222	24366201	CF, 200 ohm

Location	Part No.	Description
No.	rait NO.	Description
Poss	24266224	CE 200 obs
R223	24366201	CF, 200 ohm CF, 1k ohm
R224 R225	24366333	
i .		
R226	24366184 24366221	CF, 180K 011111 CF, 220 ohm
R232		CF, 680 ohm
R241		CF, 22k ohm
R242		CF, 560 ohm
R247 R261		CF, 4700 ohm
R263		CF, 22k ohm
R267		CF, 15k ohm
R268		CF, 180k ohm
R269		CF, 5600 ohm
R270		CF, 180k ohm
R271		CF, 10k ohm
R273		CF, 1.1M ohm
R274		CF, 510k ohm
R276		CF, 220 ohm
R277		CF, 220 ohm
R278		CF, 220 ohm
R279		CF, 1M ohm
R285	24366102	· · · · · · · · · · · · · · · · · · ·
R287		CF, 47k ohm
R288		CF, 150k ohm
R289	24366223	•
R290	24366223	
<b>△R301</b>	24322209	
<b>△R302</b>	24322209	
R303	24381243	
R304	24366103	
R305	24366104	
R306	24366473	
R307	24366104	*
R308	24366113	
<b> A</b> R309	24321229	OMF, 2.2 ohm, 1/2W
<b>⚠R310</b>	24321229	OMF, 2.2 ohm, 1/2W
R311	24552472	OMF, 4700 ohm, 1/2W
R312	24552562	· · · · · · · · · · · · · · · · · · ·
R313	24552820	OMF, 82 ohm, 1/2W
R314	24366222	CF, 2200 ohm
<b>△ R315</b>	24000439	FR, 1.0 ohm, 1/2W
R321	24366472	CF, 4700 ohm
R322	24366101	CF, 100 ohm
R323	24552331	OMF, 330 ohm, 1/2W
R325	24366104	CF, 100k ohm
<b> A</b> R331	24382102	OMF, 1k ohm, 1W
<b>⚠R332</b>	24382102	OMF, 1k ohm, 1W
<b>△ R333</b>	24382102	OMF, 1k ohm, 1W
R339	24366823	CF, 82k ohm
R340	24366331	CF, 330 ohm
R341	24382221	OMF, 220 ohm, 1W
R342	24366562	CF, 5600 ohm
R350	24366101	CF, 100 ohm
R380	24366151	CF, 150 ohm
R381	24367203	CF, 20k ohm, ±2%
R382	24367103	CF, 10k ohm, ±2%
R383	24366102	CF, 1k ohm
R390	24366103	CF, 10k ohm
R391	24366472	CF, 4700 ohm
R392	24366223	CF, 22k ohm
R393	24366472	
R394	24366153	·
R396	24066863	
R397	24066865	VR, 2k ohm, 0.3W

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Location	Part No.	Description
No.	i dit NO.	
R398	24366102	CF, 1k ohm
R401	24366391	CF, 390 ohm
R403	24552561	
R405	24552152	OMF, 1500 ohm, 1/2W
R407	24366103	CF, 10k ohm
R408	24366223	CF, 22k ohm
R409	24366133	CF, 13k ohm
R411	24366391	CF, 390 ohm
R412	24366562	CF, 5600 ohm
R413		CF, 180 ohm
<b>△R415</b>	24553242	OMF, 2400 ohm, 1W
AR416	24383682	•
A R417	24383682	
R421 R422	24366514 24366100	<b>,</b>
R423	24366100	CF, 1k ohm
R424	24366101	CF, 100 ohm
R425	24366473	
R426	24366103	
R427	24366472	CF, 4700 ohm
R429		CF, 4700 ohm
R431	24327913	
R432	24366102	CF, 1k ohm
R433	24366102	CF, 1k ohm
R434	24367183	·
<b>△R435</b>		OMF, 100 ohm, 1W
R436	24366102	CF, 1k ohm
<b>△ R437</b>	24382183	OMF, 18k ohm, 1W
R438	24367243	CF, 24k ohm, ±2% VR, 2k ohm, 0.3W
R439 R440	24066878 24367512	CF, 5100 ohm, ±2%
∆ R441	24382331	OMF, 330 ohm, 1W
△ R443	24338109	OMF, 1.0 ohm, 1W
<b> A R</b> 444	24338109	OMF, 1.0 ohm, 1W
<b>△R447</b>	24382223	OMF, 22k ohm, 1W
<b>△R448</b>	24338109	OMF, 1.0 ohm, 1W
<b> £ R</b> 450	24338109	OMF, 1.0 ohm, 1W
<b> ∆</b> R451	24383103	OMF, 10k ohm, 2W
<b> ∆</b> R452	24383103	OMF, 10k ohm, 2W
R453	24366103	CF, 10k ohm
R454	24366332	CF, 3300 ohm
R455	24366820	CF, 82 ohm
<b>△ R456</b>	24382242	OMF, 2400 ohm, 1W
R457	24000946 24366333	Varistor, TNR9G560K CF, 33k ohm
R458 R459	24366333	CF, 35k onm CF, 1k ohm
R460	24381203	OMF, 20k ohm, 1/2W
AR461	24367753	CF, 75k ohm, ±2%
R462	24366472	CF, 4700 ohm
R463	24366302	CF, 3k ohm
<b>△R466</b>	24338109	OMF, 1.0 ohm, 1W
R468	24360102	CF, 1k ohm, 1/8W
<b> ∆</b> R469	24000906	FR, 2.4 ohm, 2W
R470	24366113	CF, 11k ohm
R471	24366754	CF, 750k ohm
R472	24366103	CF, 10k ohm
R473	24366103	CF, 10k ohm
R474	24366752	CF, 7500 ohm
R475	24066876	VR, 10k ohm, 0.3W
R476	24366103	CF, 10k ohm CF, 10k ohm
R477 R478	24366103 24366272	CF, 10k onm CF, 2700 ohm
R479	24366102	CF, 1k ohm
R480	24366472	CF, 4700 ohm
1	0004/2	/

R481	Location	Part No.	Description
R482	No.		
⚠ R488         24382103         OMF, 10k ohm, 1W           R484         24942185         CC, 1.8M ohm, 1/2W           AR486         24362220         CP, 22k ohm, 1/2W           AR487         24327103         MF, 10k ohm, ±1%, 1/4W           AR488         24327562         MF, 5600 ohm, ±1%, 1/4W           R4890         24366823         CF, 82k ohm           AR491         24367333         CF, 31k ohm, ±2%           AR492         24367333         CF, 31k ohm, ±2%           AR494         24381103         OMF, 10k ohm, ±2%           AR495         24366823         CF, 82k ohm           AR496         24367823         CF, 82k ohm, ±2%           R497         24367823         CF, 82k ohm, ±2%           R498         24367823         CF, 82k ohm, ±2%           R499         24366822         CF, 800 ohm           R502         24366102         CF, 1k ohm           R509         24366132         CF, 1800 ohm           R510         24366130         CF, 10k ohm           R515         24366103         CF, 10k ohm           R516         24366223         CF, 22k ohm           R601         24366391         CF, 470 ohm           R602         <			·
R484			· · · · · · · · · · · · · · · · · · ·
A R485 R486 R486 A 24366223 CF, 22k ohm A R487 A R488 A R489 A R486 A R497 A R498 A R497 A R498 A R498 A R498 A R497 A R498 A R498 A R498 A R498 A R498 A R498 A R497 A R498 A R498 A R498 A R498 A R497 A R498 A R497 A R498 A R499 A R498 A R498 A R498 A R498 A R498 A R499 A R498 A R498 A R498 A R498 A R498 A R499 A R498 A R498 A R499 A R498 A R498 A R499 A R			
R486			
AR R487 AR R488 AR 24327103 AR R488 AR 24327562 AR R489 AR 24367103 AR R489 AR 24366823 CF, 10k ohm, ±2% AR R492 AR R492 AR R493 AR R493 AR R493 AR R495 AR R495 AR R495 AR R496 AR R496 AR R496 AR R497 AR R497 AR R497 AR R498 AR R498 AR R498 AR R498 AR R497 AR R498 AR R499 AR R496 AR R499 AR R496 AR R499 AR R497 AR R499 AR R497 AR R498 AR R499 AR R497 AR R498 AR R488 AR R498 AR R488 AR R498 AR R			
A R488			•
R489			
R490	<b>≙</b> R488	24327562	
AR492			
A R493  A R494  A R494  A R495  A R495  A R495  A R496  A R496  A R496  A R497  A R497  A R497  A R497  A R497  A R498  A R499  A R498  A R499  A R498  A R499  A R496  A R500  A R500  A R500  A R500  A R510  A R510  A R510  A R510  A R510  A R511  A R515  A R5610  A R516  A R517  A R5610  A R516  A R517  A R5610  A R5610  A R517  A R5610  A R518  A R5617  A R5618  A R5618  A R5619  A R5620  A R5682  A R5682  A R5680  A R518  A R5682  A R5680  A R518  A R5682  A R5682  A R5680  A R518  A R5683  A R5683  A R578  A R			
R494	-		
A R495  A R496  A R496  A R497  A R498  A R497  A R498  A R499  A R498  A R499  A R498  A R499  A R496  A R499  A R499  A R499  A R496  A R499  A R499  A R499  A R496  A R499  A R496  A R510  A R511  A R496  A R514  A R496  A R515  A R496  A R515  A R496  A R515  A R496  A R516  A R496  A R516  A R496  A R517  A R496  A R517  A R518  A R499  A R499  A R499  A R499  A R499  A R496  A R499  A R499  A R499  A R499  A R499  A R496  A R499  A R499  A R499  A R499  A R496  A R499  A R499  A R499  A R496  A R499  A R499  A R499  A R496  A R499  A R490  A R49			•
R496 R497			The state of the s
R497 24367823 CF, 82k ohm, ±2% R498 24367913 CF, 91k ohm, ±2% R499 24366682 CF, 6800 ohm R502 24366102 CF, 1k ohm R509 24366152 CF, 1500 ohm R510 24366103 CF, 10k ohm R514 24366475 CF, 4.7M ohm R515 24366103 CF, 10k ohm R516 2436623 CF, 22k ohm R517 24366333 CF, 33k ohm R518 24366471 CF, 470 ohm R520 2436682 CF, 6800 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 2436629 CF, 2.2 ohm R608 2436629 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R711 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R711 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R711 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R718 24366561 CF, 560 ohm R719 24366561 CF, 560 ohm R718 24366472 CF, 4700 ohm R718 24366472 CF, 4700 ohm R718 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R719 24565311 FR, 100 ohm, 1/2W R719 2456661 CF, 560 ohm R716 24366472 CF, 4700 ohm R717 24366472 CF, 4700 ohm R718 2456661 CF, 560 ohm R719 2456661 CF, 560 ohm R719 2456661 CF, 560 ohm R719 24566472 CF, 4700 ohm R718 24546279 FR, 2.7 ohm, 1/2W R719 2456661 CF, 560 ohm R719 24366472 CF, 4700 ohm R720 24366472 CF, 4700 ohm R720 24366472 CF, 4700 ohm R718 2456679 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366671 CF, 560 ohm R724 24566472 CF, 4700 ohm R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm			
R498			
R499 24366682 CF, 6800 ohm R502 24366102 CF, 1k ohm R509 24366103 CF, 10k ohm R510 24366103 CF, 10k ohm R514 24366475 CF, 4.7M ohm R515 24366103 CF, 10k ohm R516 2436623 CF, 22k ohm R517 24366333 CF, 33k ohm R518 24366471 CF, 470 ohm R520 24366392 CF, 3900 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R606 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 2436629 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 243666101 CF, 500 ohm R709 24366561 CF, 560 ohm R710 24366561 CF, 560 ohm R711 24551101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 3W R711 24531101 FR, 100 ohm, 3W R711 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 3W R711 24531101 FR, 100 ohm, 3W R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R707 R718 24356531 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24565331 OMF, 330 ohm, 3W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R712 R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24565331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R718 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24565331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm			
R502 24366102 CF, 1k ohm R509 24366152 CF, 1500 ohm R510 24366103 CF, 10k ohm R514 24366475 CF, 4.7M ohm R515 24366103 CF, 10k ohm R516 2436623 CF, 22k ohm R517 24366333 CF, 33k ohm R518 24366471 CF, 470 ohm R501 24366392 CF, 6800 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 2436629 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R711 24551101 FR, 100 ohm, 1/2W R711 245513101 FR, 100 ohm, 3W R711 2456661 CF, 560 ohm R713 2456672 CF, 4700 ohm R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366472 CF, 4700 ohm R717 24555331 OMF, 330 ohm, 3W R718 24555331 OMF, 330 ohm, 3W R719 2456561 CF, 560 ohm R716 24366472 CF, 4700 ohm R716 24366472 CF, 4700 ohm R717 24366472 CF, 4700 ohm R718 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R718 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R718 24555331 OMF, 330 ohm, 3W R720 2456672 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R720 2456672 CF, 4700 ohm R717 2456472 CF, 4700 ohm R718 24555331 OMF, 330 ohm, 3W R720 2456672 CF, 4700 ohm R721 245655331 OMF, 330 ohm, 3W R722 2456672 CF, 4700 ohm R722 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24565331 OMF, 330 ohm, 3W R725 2456672 CF, 4700 ohm			
R509 24366152 CF, 1500 ohm R510 24366103 CF, 10k ohm R514 24366475 CF, 4.7M ohm R515 24366103 CF, 10k ohm R516 24366223 CF, 22k ohm R517 24366333 CF, 23k ohm R518 24366471 CF, 470 ohm R520 24366392 CF, 3900 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R602 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R606 24366229 CF, 2.2 ohm R611 2436637 CF, 27 ohm R608 24366229 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R710 24555331 OMF, 330 ohm, 3W R711 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24366472 CF, 4700 ohm R718 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R716 24366501 CF, 560 ohm R717 24555331 OMF, 330 ohm, 3W R718 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 2456679 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm			
R510 24366103 CF, 10k ohm R514 24366475 CF, 4.7M ohm R515 24366103 CF, 10k ohm R516 24366223 CF, 22k ohm R517 24366333 CF, 33k ohm R518 24366471 CF, 470 ohm R520 24366382 CF, 8800 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 2436629 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24366472 CF, 4700 ohm R718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 2456561 CF, 560 ohm R716 2436650 CF, 560 ohm R717 24366472 CF, 4700 ohm R718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 2436650 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W R729 R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 R726 24366472 CF, 4700 ohm			•
R514 24366475 CF, 4.7M ohm R515 24366103 CF, 10k ohm R516 24366223 CF, 22k ohm R517 24366333 CF, 33k ohm R518 24366471 CF, 470 ohm R520 24366382 CF, 8800 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 24366229 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 2436651 CF, 560 ohm R709 2436656 CF, 560 ohm R711 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24366472 CF, 4700 ohm R718 2456531 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R718 24531101 FR, 100 ohm, 1/2W R718 24565661 CF, 560 ohm R716 24366561 CF, 560 ohm R716 24366561 CF, 560 ohm R717 24531101 FR, 100 ohm, 1/2W R718 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 2456279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 2456679 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W R725 2456679 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm			•
R515			
R516 R517 R518 R518 R518 R518 R518 R520 R520 R520 R520 R520 R601 R601 R602 R601 R602 R602 R603 R603 R603 R603 R603 R604 R604 R604 R604 R605 R606 R606 R606 R606 R607 R607 R608 R607 R608 R608 R608 R608 R608 R608 R609 R601 R701 R702 R703 R704 R704 R705 R706 R706 R706 R707 R708 R709 R708 R709 R709 R709 R709 R709 R709 R700 R709 R709			
R517			· · ·
R518			
R520 24366882 CF, 6800 ohm R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 24366229 CF, 2.2 ohm R608 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R710 24551101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R716 24366472 CF, 4700 ohm R717 24531101 FR, 100 ohm, 1/2W R718 2456561 CF, 560 ohm R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 2436651 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 CF, 4700 ohm R726 24366472 CF, 4700 ohm			•
R601 24366392 CF, 3900 ohm R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 24366229 CF, 2.2 ohm R611 24366229 CF, 2.2 ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366561 CF, 560 ohm R710 24366561 CF, 560 ohm R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366561 CF, 560 ohm R716 24366561 CF, 560 ohm R717 24366472 CF, 4700 ohm R718 24566472 CF, 4700 ohm R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R719 2456561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24531101 FR, 100 ohm, 1/2W R718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			•
R602 24366392 CF, 3900 ohm R603 24366301 CF, 300 ohm R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 24366229 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 243666101 CF, 560 ohm R709 24366561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 2456672 CF, 4700 ohm R716 24366672 CF, 4700 ohm R717 24366472 CF, 4700 ohm R718 24366561 CF, 560 ohm R719 2456561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24566672 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24531101 FR, 100 ohm, 1/2W R718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 2456561 CF, 560 ohm R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366661 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			
R603			
R604 24366301 CF, 300 ohm R605 24366102 CF, 1k ohm R606 24366102 CF, 1k ohm R607 24366229 CF, 2.2 ohm R608 24366229 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R711 24531301 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24531101 FR, 100 ohm, 1/2W R718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R719 2456561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24531301 FR, 100 ohm, 1/2W R718 24531301 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			
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R606 24366102 CF, 1k ohm R607 24366229 CF, 2.2 ohm R608 24366229 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R710 24351101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 2456472 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm R717 24366472 CF, 4700 ohm R718 2456561 CF, 560 ohm R719 24366561 CF, 560 ohm R711 CF, 100 ohm, 1/2W R712 CF, 4700 ohm R713 CF, 4700 ohm R714 CF, 4700 ohm R715 CF, 4700 ohm R715 CF, 4700 ohm R716 CF, 560 ohm R717 CF, 4700 ohm R718 CF, 560 ohm R718 CF, 560 ohm R719 CF, 560 ohm R719 CF, 560 ohm R720 CF, 4700 ohm R721 CF, 560 ohm R722 CF, 4700 ohm R723 CF, 4700 ohm R724 CF, 4700 ohm R725 CF, 4700 ohm R725 CF, 4700 ohm R726 CF, 4700 ohm R727 CF, 4700 ohm R727 CF, 4700 ohm R727 CF, 4700 ohm R726 CF, 4700 ohm R727 CF, 4700 ohm R727 CF, 4700 ohm R727 CF, 4700 ohm R727 CF, 4700 ohm R726 CF, 4700 ohm R727 CF, 4700 ohm R727 CF, 4700 ohm	_		•
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R608 24366229 CF, 2.2 ohm R611 24366473 CF, 47k ohm R701 24366101 CF, 100 ohm R702 24366101 CF, 100 ohm R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm R710 24531101 FR, 100 ohm, 1/2W R711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W R713 24546279 FR, 2.7 ohm, 1/2W R716 24366561 CF, 560 ohm R717 24566472 CF, 4700 ohm R718 2456561 CF, 560 ohm R719 2456531 OMF, 330 ohm, 3W R719 2456531 OMF, 330 ohm, 3W R719 2456561 CF, 560 ohm R717 24531101 FR, 100 ohm, 1/2W R718 24561101 FR, 100 ohm, 1/2W R719 24565331 OMF, 330 ohm, 3W R720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24565331 OMF, 330 ohm, 3W R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 CF, 4700 ohm			
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R703 24366101 CF, 100 ohm R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm AR710 24531101 FR, 100 ohm, 1/2W AR711 24531101 FR, 100 ohm, 3W AR712 24555331 OMF, 330 ohm, 3W AR713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm AR717 24531101 FR, 100 ohm, 1/2W R718 2456561 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 2456561 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 24565331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R724 24555331 OMF, 330 ohm, 3W AR725 2456679 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm	R701	24366101	CF, 100 ohm
R704 24366101 CF, 100 ohm R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm AR710 24531101 FR, 100 ohm, 1/2W AR711 24531101 FR, 100 ohm, 3W AR712 24555331 OMF, 330 ohm, 3W AR713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm AR717 24531101 FR, 100 ohm, 1/2W R718 245651 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 245651 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 2456531 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm AR724 24555331 OMF, 330 ohm, 3W AR725 24546279 FR, 2.7 ohm, 1/2W AR726 24366472 CF, 4700 ohm AR725 24566472 CF, 4700 ohm AR726 24366472 CF, 4700 ohm AR727 24366472 CF, 4700 ohm	R702	24366101	CF, 100 ohm
R705 24366101 CF, 100 ohm R706 24366101 CF, 100 ohm R707 24366472 CF, 4700 ohm R708 24366472 CF, 4700 ohm R709 24366561 CF, 560 ohm  1 R710 24531101 FR, 100 ohm, 1/2W 1 R711 24531101 FR, 100 ohm, 3W 1 R712 24555331 OMF, 330 ohm, 3W 1 R713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm 1 R717 24531101 FR, 100 ohm, 1/2W 1 R718 24531101 FR, 100 ohm, 1/2W 1 R719 24555331 OMF, 330 ohm, 3W 1 R719 24555331 OMF, 330 ohm, 3W 1 R720 24546279 FR, 2.7 ohm, 1/2W 1 R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W 1 R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R726 24366472 CF, 4700 ohm R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm	R703	24366101	CF, 100 ohm
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R709 24366561 CF, 560 ohm AR710 24531101 FR, 100 ohm, 1/2W AR711 24531101 FR, 100 ohm, 1/2W AR712 24555331 OMF, 330 ohm, 3W AR713 24546279 FR, 2.7 ohm, 1/2W AR714 24366472 CF, 4700 ohm AR715 24366472 CF, 4700 ohm AR716 24366561 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 24531101 FR, 100 ohm, 1/2W AR719 24555331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W AR721 24366472 CF, 4700 ohm AR721 24366472 CF, 4700 ohm AR722 24366472 CF, 4700 ohm AR723 24366561 CF, 560 ohm AR724 24555331 OMF, 330 ohm, 3W AR725 24366472 CF, 4700 ohm AR726 24366472 CF, 4700 ohm AR727 24366472 CF, 4700 ohm AR726 24366472 CF, 4700 ohm AR726 24366472 CF, 4700 ohm AR727 24366472 CF, 4700 ohm	R707	24366472	CF, 4700 ohm
AR710       24531101       FR, 100 ohm, 1/2W         AR711       24531101       FR, 100 ohm, 1/2W         R712       24555331       OMF, 330 ohm, 3W         AR713       24546279       FR, 2.7 ohm, 1/2W         R714       24366472       CF, 4700 ohm         R715       24366561       CF, 560 ohm         AR717       24531101       FR, 100 ohm, 1/2W         AR718       24531101       FR, 100 ohm, 1/2W         R719       24555331       OMF, 330 ohm, 3W         AR720       24546279       FR, 2.7 ohm, 1/2W         R721       24366472       CF, 4700 ohm         R722       24366472       CF, 560 ohm         R723       24366561       CF, 560 ohm         R724       24555331       OMF, 330 ohm, 3W         AR725       24546279       FR, 2.7 ohm, 1/2W         R726       24366472       CF, 4700 ohm         R727       24366472       CF, 4700 ohm	R708	24366472	CF, 4700 ohm
AR711 24531101 FR, 100 ohm, 1/2W R712 24555331 OMF, 330 ohm, 3W AR713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 24531101 FR, 100 ohm, 1/2W AR719 24555331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W AR725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm		24366561	The state of the s
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AR713 24546279 FR, 2.7 ohm, 1/2W R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W AR725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R728 24366472 CF, 4700 ohm R729 24366472 CF, 4700 ohm R720 24366472 CF, 4700 ohm R721 24366472 CF, 4700 ohm			
R714 24366472 CF, 4700 ohm R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W AR725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			
R715 24366472 CF, 4700 ohm R716 24366561 CF, 560 ohm AR717 24531101 FR, 100 ohm, 1/2W AR718 24531101 FR, 100 ohm, 1/2W R719 24555331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W AR725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			
R716 24366561 CF, 560 ohm  AR717 24531101 FR, 100 ohm, 1/2W  AR718 24531101 FR, 100 ohm, 1/2W  AR719 24555331 OMF, 330 ohm, 3W  AR720 24546279 FR, 2.7 ohm, 1/2W  AR721 24366472 CF, 4700 ohm  AR722 24366472 CF, 4700 ohm  AR723 24366561 CF, 560 ohm  AR724 24555331 OMF, 330 ohm, 3W  AR725 24546279 FR, 2.7 ohm, 1/2W  AR726 24366472 CF, 4700 ohm  AR727 24366472 CF, 4700 ohm  AR727 24366472 CF, 4700 ohm			•
♠R717       24531101       FR, 100 ohm, 1/2W         ♠R718       24531101       FR, 100 ohm, 1/2W         R719       24555331       OMF, 330 ohm, 3W         ♠R720       24546279       FR, 2.7 ohm, 1/2W         R721       24366472       CF, 4700 ohm         R722       24366472       CF, 4700 ohm         R723       24366561       CF, 560 ohm         R724       24555331       OMF, 330 ohm, 3W         ♠R725       24546279       FR, 2.7 ohm, 1/2W         R726       24366472       CF, 4700 ohm         R727       24366472       CF, 4700 ohm			•
⚠R718       24531101       FR, 100 ohm, 1/2W         R719       24555331       OMF, 330 ohm, 3W         ⚠R720       24546279       FR, 2.7 ohm, 1/2W         R721       24366472       CF, 4700 ohm         R722       24366472       CF, 4700 ohm         R723       24366561       CF, 560 ohm         R724       24555331       OMF, 330 ohm, 3W         ⚠R725       24546279       FR, 2.7 ohm, 1/2W         R726       24366472       CF, 4700 ohm         R727       24366472       CF, 4700 ohm			
R719 24555331 OMF, 330 ohm, 3W AR720 24546279 FR, 2.7 ohm, 1/2W AR721 24366472 CF, 4700 ohm AR722 24366472 CF, 4700 ohm AR723 24366561 CF, 560 ohm AR724 24555331 OMF, 330 ohm, 3W AR725 24546279 FR, 2.7 ohm, 1/2W AR726 24366472 CF, 4700 ohm AR727 24366472 CF, 4700 ohm			
⚠R720       24546279       FR, 2.7 ohm, 1/2W         R721       24366472       CF, 4700 ohm         R722       24366472       CF, 4700 ohm         R723       24366561       CF, 560 ohm         R724       24555331       OMF, 330 ohm, 3W         ⚠R725       24546279       FR, 2.7 ohm, 1/2W         R726       24366472       CF, 4700 ohm         R727       24366472       CF, 4700 ohm			, ·
R721 24366472 CF, 4700 ohm R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W  △R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			The state of the s
R722 24366472 CF, 4700 ohm R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W  ⚠R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			
R723 24366561 CF, 560 ohm R724 24555331 OMF, 330 ohm, 3W  ∆R725 24546279 FR, 2.7 ohm, 1/2W R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm			
R724 24555331 OMF, 330 ohm, 3W			· · · · · · ·
1       1       24546279       FR, 2.7 ohm, 1/2W         1       24366472       CF, 4700 ohm         1       24366472       CF, 4700 ohm			•
R726 24366472 CF, 4700 ohm R727 24366472 CF, 4700 ohm	_		
R727 24366472 CF, 4700 ohm			
			•

Location No.	Part No.	Description
<b>△ R729</b>	24531101	FR, 100 ohm, 1/2W
<b>⚠</b> R730	24531101	FR, 100 ohm, 1/2W
<b>⚠ R731</b>	24555331	· · · · · · · · · · · · ·
<b>△R732</b>	24546279	• •
R733	24366472	•
R734	24366472	· ·
R735	24366561	
<b>△R736</b>		FR, 100 ohm, 1/2W
<b>△R737</b>		FR, 100 ohm, 1/2W
R738		OMF, 330 ohm, 3W
<b>△ R739</b>	24546279	
R740	24366472	•
R741	24366472	· ·
R742	24366561	* * * * * * * * * * * * * * * * * * * *
<b>⚠ R743</b>	24555331	
⚠ R744	24546279	
R750	24366153	,
R751 R752	24366222	•
Λ/52 Δ\R753		CF, 470 ohm OMF, 68 ohm, 1/2W
R754		CF, 2200 ohm
R755	24366102	
R756	24366102	*
R757		CF, 470 ohm
R758		
R759	24300102	CF, 1k ohm OMF, 470 ohm, 1/2W
R760		CF, 470 ohm
R761	24366273	
R762	24366203	· ·
R763	24366152	*
R764	24366182	
R765	24366470	•
R766		CF, 33k ohm
R767		OMF, 10 ohm, 1/2W
R768	24366820	· · · · · · · · · · · · · · · · · · ·
R769		CF, 82 ohm
R770		CF, 1500 ohm
R771		CF, 1500 ohm
R772		CF, 1200 ohm
R773		CF, 1200 ohm
R774		CF, 68k ohm
R775	24366683	CF, 68k ohm
R776	24366123	CF, 12k ohm
R777	24552430	OMF, 43 ohm, 1/2W
R778	24552430	OMF, 43 ohm, 1/2W
R779	24321279	OMF, 2.7 ohm, 1/2W
R780	24321279	OMF, 2.7 ohm, 1/2W
<b> R781</b>	24554221	OMF, 220 ohm, 2W
R782	24552301	OMF, 300 ohm, 1/2W
R801	24552202	OMF, 2k ohm, 1/2W
<b>∆</b> R802	24383563	OMF, 56k ohm, 2W
R803	24366103	CF, 10k ohm
<b>∆</b> R804	24002994	CC, 3.9M ohm, 1/2W
<b>∆</b> R8 <b>05</b>	24002994	CC, 3.9M ohm, 1/2W
R806	24366822	CF, 8200 ohm
R807	24366562	CF, 5600 ohm
R808	24366102	CF, 1k ohm
R809	24366471	CF, 470 ohm
<b> R</b> 810	24007514	Cement, 0.56 ohm, ±10%, 15W
R811	24366622	CF, 6200 ohm
<b>⚠ R812</b>	24007514	Cement, 0.56 ohm, ±10%, 15W
R813	24366104	CF, 100k ohm
R814	24366203	CF, 20k ohm
R815	24366273	CF, 27k ohm

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	Location	Part No.	Description
L	No.		
	R816	24552472	OMF, 4700 ohm, 1/2W
1	R817	24552472	OMF, 4700 ohm, 1/2W
	R840	24552180	OMF, 18 ohm, 1/2W
	R841	24366273	CF, 27k ohm
	R842	24366153	CF, 15k ohm
1	R843(U801)		OMF, 9100 ohm, 1/2W
	R843(U901)	24366102	CF, 1k ohm
	R844	24552912	OMF, 9100 ohm, 1/2W
	R845	24383563	OMF, 56k ohm, 2W
1	R846	24383331	OMF, 330 ohm, 2W
1	R847	24004701	MF, 0.10 ohm, 2W
1	R848	24004703	MF, 0.15 ohm, 2W
	R849	24552471	OMF, 470 ohm, 1/2W
	R850	24366103	CF, 10k ohm
	R851	24366302	CF, 3k ohm
Δ	R852	24553471	OMF, 470 ohm, 1W
	R853	24366102	CF, 1k ohm
1	R854 .	24552471	OMF, 470 ohm, 1/2W
	R855	24552511	OMF, 510 ohm, 1/2W
1	R856	24366392	CF, 3900 ohm
	R857	24367123	CF, 12k ohm, ±2%
1	R858	24367183	CF, 18k ohm, ±2%
1	R859	24366432	CF, 4300 ohm
	∆R860	24004701	MF, 0.10 ohm, 2W
1	R861	24366511	CF, 510 ohm
1	R862	24552912	OMF, 9100 ohm, 1/2W
	R863	24552912	OMF, 9100 ohm, 1/2W
	R864	24552471	OMF, 470 ohm, 1/2W
١.	R865	24366471	CF, 470 ohm
	∆R866	24004701	MF, 0.10 ohm, 2W
Ι.	R867	24552471	OMF, 470 ohm, 1/2W
	∆R868	24383331	OMF, 330 ohm, 2W
	R869	24366392	CF, 3900 ohm
	R870	24327203	MF, 20k ohm, ±1%, 1/4W
	R871	24327203	MF, 20k ohm, ±1%, 1/4W
	R872	24381131	OMF, 130 ohm, 1/2W
	R873	24381301	OMF, 300 ohm, 1/2W
	R874	24366152	CF, 1500 ohm
1,	R875	24366102	CF, 1k ohm
	∆R876	24323518	OMF, 0.51 ohm, 2W
	R877	24366471	CF, 470 ohm MF, 13k ohm, ±1%, 1/4W
	R878	24327133	
	R879	24327123	MF, 12k ohm, ±1%, 1/4W MF, 9100 ohm, ±1%, 1/4W
	R880	24327912	
	R881	24366102	CF, 1k ohm OMF, 11k ohm, 1W
	∆R882	24553113 24553113	OMF, 11k ohm, 1W
14	∆R883	24366242	CF, 2400 ohm
.	R884	24366103	CF, 10k ohm
l	R885	24366302	CF, 3k ohm
	R886	24366302	CF, 1k ohm
	R887(U901) R887(U801)	24366102	CF, 1k ohm
1	R887(U801)	24382331	OMF, 330 ohm, 1W
4	R888(U901)	24362331	CF, 1k ohm
	R889(U801)	24366202	CF, 2k ohm
	R889(U901)	24366393	CF, 39k ohm
1	R890(U801)	24382331	OMF, 330 ohm, 1W
	R890(U901)		CF, 1k ohm
	R891(U801)	24366202	CF, 2k ohm
1	R891(U901)	24366273	
ı	R892	24366102	CF, 1k ohm
1/	N892 NR899	24000205	Varistor, SNR271KD14
1	R902	24366101	CF, 100 ohm
	R903	24366101	
1	<del></del>		•

Location No.	Part No.	Description
R904	24366101	CF, 100 ohm
<b>△</b> R905	24555223	· · · · · · · · · · · · · · · · · · ·
<b>△ R906</b>	24555223	
<b>⚠</b> R907	24555223	*
<b>≙</b> R908	24555243	
<b>∆</b> R909	24555243	
<b> R910</b>	24555243	
R911	24366562	•
R912	24366103	CF, 10k ohm
R913	24366101	CF, 100 ohm
<b>∆</b> R917	24366101	CF, 100 ohm
R918		CF, 100 ohm
R922	24942102	CC, 1k ohm, 1/2W
R924	24942102	CC, 1k ohm, 1/2W
R932	24366102	CF, 1k ohm
R933	24366120	•
R934	24552132	OMF, 1300 ohm, 1/2W
R935	24552132	
R936	24366620	CF, 62 ohm
R937	24366131	CF, 130 ohm
R945	24327820	MF, 82 ohm, $\pm 1\%$ , $1/4W$
R946	24366221	CF, 220 ohm
R947	24366151	CF, 150 ohm
R948	24552132	OMF, 1300 ohm, 1/2W
R949	24942102	CC, 1k ohm, 1/2W
R950	24061800	VR, 200 ohm, 1/8W
R952	24061800	
R957	24327270	MF, 27 ohm, ±1%, 1/4W
R958	24327131	MF, 130 ohm, ±1%, 1/4W
R959	24327131	MF, 130 ohm, ±1%, 1/4W
R960	24366820	CF, 82 ohm
R961	24366430	CF, 43 ohm
R962	24366470	CF, 47 ohm
R963	24366361	CF, 360 ohm
R964	24366821	CF, 820 ohm
R968	24366101	•
<b> R971</b>	24555223	
<b> R</b> 972	24555223	
<b> R</b> 974	24555223	OMF, 22k ohm, 3W
R977	24366122	CF, 1200 ohm
R980	24366620	CF, 62 ohm
RA01	24366102	CF, 1k ohm
RA02	24366221	CF, 220 ohm
RA03	24366102	CF, 1k ohm
RA05	24366102	CF, 1k ohm
RA06	24366102	CF, 1k ohm
RA07	24366102	CF, 1k ohm
RA08	24366102	CF, 1k ohm
RA11	24366102	CF, 1k ohm
RA12	24366102	CF, 1k ohm
RA13	24366102	CF, 1k ohm
RA14	24366223	CF, 22k ohm
RA15	24366223	CF, 22k ohm
RA16	24366102	CF, 1k ohm
RA17	24366102	CF, 1k ohm
RA18	24366103	CF, 10k ohm
RA19	24366103	CF, 10k ohm
RA20	24366333	CF, 33k ohm
RA21	24366333	CF, 33k ohm
RA22	24366333	CF, 33k ohm
RA23	24366333	CF, 33k ohm
RA25	24366102	CF, 1k ohm
RA26	24366102	CF, 1k ohm
RA28	24366153	CF, 15k ohm

Location	Part No.	Description
No.	Part No.	Description
		05.41
RA29	24366102	CF, 1k ohm
RA30	24366102	-: <b>/</b>
RA31	24366682	• *
RA32	24366682	•
RA33	24366473	•
RA34	24366102	
RA35	24366101	
RA36	24366101	*
RA37	24366101	• • • • • • • • • • • • • • • • • • • •
RA38	24366101	
RA39	24366102	
RA40	24366102	
RA41	24366103	• • • • • • • • • • • • • • • • • • • •
RA43	24366103	
RA44	24366332	
RA45	24366332	
RA46	24366332	
RA47	24366102	
RA50	24366202	
RA54	24366101	•
RA55	24366183	
RA56	24366562	CF, 5600 ohm
RA57	24366101	•
RA58	24366183	
RA64	24366333	·
RA66	24366104	• • • • • • • • • • • • • • • • • • • •
RA79	24366101	CF, 100 ohm
RA80	24366101	CF, 100 ohm
RA83	24366103	CF, 10k ohm
RA84	24366363	CF, 36k ohm
RA85	24366473	CF, 47k ohm
RA86	24366272	CF, 2700 ohm
RA87	24366621	CF, 620 ohm
RA88	24366621	CF, 620 ohm
RA89	24366152	CF, 1500 ohm
RA90	24366273	CF, 27k ohm
RA91	24366621	CF, 620 ohm
RA92	24366621	CF, 620 ohm
RA93	24366153	CF, 15k ohm
RA97	24366103	CF, 10k ohm
RA101	24366102	CF, 1k ohm CF, 1k ohm
RA102	24366102	•
RA103 RA104	24366102	CF, 1k ohm
	24366362	CF, 3600 ohm
RA105	24366471	CF, 470 ohm
RA106	24366103	CF, 10k ohm
RA107	24366102	CF, 1k ohm
RA110	24366102	CF, 1k ohm
RA111 RA113	24366563	CF, 56k ohm
	24366153	CF, 15k ohm
RA115 RA116	24366272	CF, 2700 ohm
RA116	24366272 24366272	CF, 2700 ohm
RA117	24366272	CF, 2700 ohm CF, 2700 ohm
RA118	24366272	•
RA119	24366102	CF, 1k ohm CF, 1k ohm
RA120		CF, 4700 ohm
RA121	24366472 24366103	· ·
RA123	24366103	CF, 10k ohm CF, 10k ohm
RA123	24366183	CF, 18k ohm
RA124 RA127	24366183	,
		CF, 10k ohm
RA160 RA161	24366752	CF, 7500 ohm
RA161	24366752	CF, 7500 ohm
RA 102	24366113	CF, 11k ohm
		<u>l</u>

Location	Part No.	Description
No.	Tait No.	Description
DATES	0.4000400	OF 401-1
RA163		CF, 16k ohm
RA164		CF, 30k ohm
RA166	24366/52	CF, 7500 ohm CF, 2200 ohm
RB25		
RB57		CF, 300 ohm
RB58	24366244	CF, 240k ohm CF, 13k ohm
RB59		
RB60		CF, 3900 ohm
RB61	24366103	CF, 10k ohm CF, 10k ohm
RB64		
RB66		CF, 22k ohm
RB75		CF, 1k ohm
RB76		CF, 1k ohm
RB77		CF, 1k ohm
RB78	24366102	CF, 1k ohm
RB79		CF, 1M ohm
RB80		CF, 10k ohm
RB81		CF, 10k ohm
RB82		CF, 5600 ohm
RB83		CF, 1300 ohm
RB84		CF, 3300 ohm
RB85		CF, 56k ohm
RB86		CF, 22k ohm
RB87	24366102	CF, 1k ohm CF, 330 ohm
RB88	24366331	CF, 330 ohm
RB90		CF, 100k ohm
RB91	24366102	CF, 1k ohm
RB92		CF, 2200 ohm
RB93	24366511	
RB94	24366511	CF, 510 ohm
RB95		CF, 510 ohm
RB96	24366511	
RB97	24366102	· .
RB98	24366332	•
RB99	24366332	· ·
RB100	24366223	· · · · · · · · · · · · · · · · · · ·
RB101	24366472	· · · · · · · · · · · · · · · · · · ·
RE03	24366102	·
⚠ RF03	24510569	Cement, 5.6 ohm, 5W
<b>△ RF29</b>		OMF, 12k ohm, 2W
RG01		CF, 220 ohm
RG02		CF, 100 ohm
ARG03	24366470	CF, 47 ohm
RG04	24366102	CF, 1k ohm
RJ02	24366562	CF, 5600 ohm
RJ03	24366562	CF, 5600 ohm
RJ04	24366912	CF, 9100 ohm
RJ06	24366152	CF, 1500 ohm
RJ07	24366152	CF, 1500 ohm
RJ08	24366132	CF, 1300 ohm
RJ09	24366682	CF, 6800 ohm
RJ10	24366102	CF, 1k ohm
RJ13	24366622	CF, 6200 ohm
RJ14	24366104	CF, 100k ohm
RJ15	24066873	VR, 100k ohm, 0.3W
RJ16	24366153	CF, 15k ohm
RJ17	24066876	VR, 10k ohm, 0.3W
RJ18	24366103	CF, 10k ohm
RJ19	24366103	CF, 10k ohm
RJ20	24366223	CF, 22k ohm
RJ21	24366223	CF, 22k ohm
RJ22	24366103	
RJ23	24366103	CF, 10k ohm
RJ24	24366473	CF, 47k ohm

Location No.	Part No.	Description
RJ25	24366473	CF, 47k ohm
RJ26	24066876	
RJ27	24366101	CF, 100 ohm
RJ28	24366104	CF, 100k ohm
RJ29	24366104	CF, 100k ohm
RJ30	24366223	
RJ31	24366223	
RJ32	24366101	CF, 100 ohm CF, 47k ohm
RJ33 RJ34		CF, 47k ohm
RJ35	24366103	CF, 10k ohm
RJ36		CF, 47k ohm, ±2%
RJ37	24367243	•
RJ38	24367473	CF, 47k ohm, ±2%
RJ39	24367473	CF, 47k ohm, ±2%
RJ40	24367473	CF, 47k ohm, ±2%
RJ41	24366101	CF, 100 ohm
RJ42	24366123	CF, 12k ohm
RJ44	24366334 24366333	CF, 330k ohm CF, 33k ohm
RJ52 RJ54	24366333	•
RJ56	24366333	CF, 33k ohm
RJ58	24366333	CF, 33k ohm
RJ59	24366472	
RJ60	24366472	CF, 4700 ohm
RJ61	24366472	CF, 4700 ohm
RJ62	24366101	CF, 100 ohm
RJ63	24366472	CF, 4700 ohm
RJ64	24366472	CF, 4700 ohm
RJ65	24366472	CF, 4700 ohm
RJ66	24366101 24366472	CF, 100 ohm CF, 4700 ohm
RJ67 RJ68	24366472	CF, 4700 Ohm
RJ69	24366472	CF, 4700 ohm
RJ70	24366101	CF, 100 ohm
RJ71	24366472	CF, 4700 ohm
RJ72	24366472	CF, 4700 ohm
RJ73	24366472	•
RJ74	24366101	
RJ75	24366472	CF, 4700 ohm
RJ76	24366472 24366472	CF, 4700 ohm CF, 4700 ohm
RJ77 RJ78	24366101	CF, 100 ohm
RJ79	24366472	CF, 4700 ohm
RJ80	24366472	CF, 4700 ohm
RJ81	24366472	CF, 4700 ohm
RJ82	24366101	CF, 100 ohm
RJ83	24366562	CF, 5600 ohm
RJ84	24366101	CF, 100 ohm
RJ85	24366101	CF, 100 ohm
RJ86 RJ87	24366101 24366101	CF, 100 ohm CF, 100 ohm
RJ87 RJ88	24366101	CF, 100 ohm
RJ89	24366101	CF, 100 ohm
RJ90	24366393	CF, 39k ohm
RJ91	24366103	CF, 10k ohm
RJ92	24366183	CF, 18k ohm
RJ94	24366103	CF, 10k ohm
RJ95	24366123	CF, 12k ohm
RJ97	24366393	CF, 39k ohm
RJ98	24366753	CF, 75k ohm
RJ99	24366303 24366303	CF, 30k ohm CF, 30k ohm
RJ100 RJ101	24366363	CF, 160k ohm
10101	24000104	5., 100k omm

Location	Part No.	Description
No.		
RJ102	24366102	CF, 1k ohm
RJ103	24366103	CF, 10k ohm
RJ104	24366103	CF, 10k ohm
RJ105	24366333	CF, 33k ohm
RJ106	24366333	CF, 33k ohm
RJ107	24366333	CF, 33k ohm
RK01	24066926	VR, 10k ohm, 1/10W VR, 10k ohm, 1/10W
RK02 RK03	24066926 24066926	VR, 10k ohm, 1/10W
RK03	24066926	VR, 10k ohm, 1/10W
RK05	24066926	VR, 10k ohm, 1/10W
RK06	24066926	VR, 10k ohm, 1/10W
RK07	24066926	VR, 10k ohm, 1/10W
RK08	24066926	VR, 10k ohm, 1/10W
RK09	24066926	VR, 10k ohm, 1/10W
RK10	24066926	VR, 10k ohm, 1/10W
RK11	24066926	VR, 10k ohm, 1/10W
RK12	24066926	VR, 10k ohm, 1/10W
RK13	24066926	VR, 10k ohm, 1/10W
RK14	24066926	VR, 10k ohm, 1/10W
RK15	24066926	VR, 10k ohm, 1/10W
RK16	24066926	VR, 10k ohm, 1/10W
RK17	24066926	VR, 10k ohm, 1/10W
RK18	24066926	VR, 10k ohm, 1/10W VR, 10k ohm, 1/10W
RK19	24066926 24066926	VR, 10k ohm, 1/10W
RK20 RK21	24066926	VR, 10k ohm, 1/10W
RK22	24066926	VR, 10k ohm, 1/10W
RK23	24066926	VR, 10k ohm, 1/10W
RK24	24066926	VR, 10k ohm, 1/10W
RK25	24066926	VR, 10k ohm, 1/10W
RK26	24066926	VR, 10k ohm, 1/10W
RK27	24066926	VR, 10k ohm, 1/10W
RK34	24066926	VR, 10k ohm, 1/10W
RK35	24066926	VR, 10k ohm, 1/10W
RK37	24066926	VR, 10k ohm, 1/10W
RK38	24066926	VR, 10k ohm, 1/10W
RK39	24066926	VR, 10k ohm, 1/10W
RK40 RK41	24066926 24066926	VR, 10k ohm, 1/10W VR, 10k ohm, 1/10W
RK42	24066926	VR, 10k ohm, 1/10W
RK43	24066926	VR, 10k ohm, 1/10W
RK44	24066926	VR, 10k ohm, 1/10W
RK45	24066926	VR, 10k ohm, 1/10W
RK46	24066926	VR, 10k ohm, 1/10W
RK47	24066926	VR, 10k ohm, 1/10W
RK48	24066926	VR, 10k ohm, 1/10W
RK49	24066926	VR, 10k ohm, 1/10W
RK50	24066926	VR, 10k ohm, 1/10W
RK51	24066926	VR, 10k ohm, 1/10W
RK52	24066926	VR, 10k ohm, 1/10W
RK53	24066926	VR, 10k ohm, 1/10W
RK55	24066926 24066926	VR, 10k ohm, 1/10W VR, 10k ohm, 1/10W
RK56 RK58	24066926	VR, 10k ohm, 1/10W
RK58 RK59	24066926	VR, 10k ohm, 1/10W
RK60	24066926	VR, 10k ohm, 1/10W
RK61	24066926	VR, 10k ohm, 1/10W
RK63	24066926	VR, 10k ohm, 1/10W
RK64	24066926	VR, 10k ohm, 1/10W
RK72	24066926	VR, 10k ohm, 1/10W
RK73	24066926	VR, 10k ohm, 1/10W
RK75	24066926	VR, 10k ohm, 1/10W
RK76	24066926	VR, 10k ohm, 1/10W

Location	Part No.	Description
No.		•
RK78	24066926	VR, 10k ohm, 1/10W
RK79	24066926	VR, 10k ohm, 1/10W
RK80	24066926	VR, 10k ohm, 1/10W
RK81	24066926	VR, 10k ohm, 1/10W
RK82	24066926	VR, 10k ohm, 1/10W
RK83	24066926	VR, 10k ohm, 1/10W
RK84	24066926	VR, 10k ohm, 1/10W
RK85	24066926	VR, 10k ohm, 1/10W
RK101	24063735	VR, 10k ohm, 0.08W
RK102	24063735	VR, 10k ohm, 0.08W
RK103	24063735	VR, 10k ohm, 0.08W
RK104	24063735	VR, 10k ohm, 0.08W
RM01(U021Z)		CF, 4700 ohm
RM01(UM01)		CF, 1800 ohm
RM02(U021Z)		CF, 4700 ohm
RM02(UM01)		CF, 1k ohm
RM03(U021Z)		* *
RM03(UM01) RM04(U021Z)		CF, 1k ohm CF, 4700 ohm
RM04(UM01)		
RM05(U021Z)		
RM05(UM01)		•
RM06(UM01)		-
RM06(U021Z)		
	24366472	·
	24366472	· •
RM09(UM01)		·
RM09(U021Z)	24366472	CF, 4700 ohm
RM10	24366472	CF, 4700 ohm
	24366472	CF, 4700 ohm
	24366822	CF, 8200 ohm
	24366472	CF, 4700 ohm
		CF, 3300 ohm
	24366472	•
	24366472	CF, 4700 ohm
RM17(UM01)		CF, 430 ohm CF, 4700 ohm
RM17(U021Z) RM18(U021Z)		CF, 4700 onm CF, 4700 ohm
RM18(UM01)		CF, 4700 011111 CF, 430 ohm
RM19(UM01)		•
RM19(U021Z)		CF, 4700 ohm
RM20(U021Z)		CF, 7500 ohm
RM20(UM01)		CF, 430 ohm
RM21	24366472	CF, 4700 ohm
RM22(U021Z)		CF, 4700 ohm
RM22(UM01)		CF, 2200 ohm
RM23(UM01)		CF, 2200 ohm
RM23(U021Z)		CF, 7500 ohm
RM24(U021Z)		CF, 4700 ohm
RM24(UM01)		CF, 2200 ohm
RM25(U021Z)		CF, 10k ohm
RM25(UM01)		CF, 2200 ohm
RM26(U021Z)		CF, 10k ohm
RM26(UM01)		CF, 430 ohm
RM27(U021Z)		CF, 10k ohm
RM27(UM01) RM28	24366103	CF, 430 ohm CF, 10k ohm
RM29	24366472	CF, 10k onm CF, 4700 ohm
RM30	24366472	CF, 4700 ohm
RM31	24366103	CF, 10k ohm
RM32	24366472	CF, 4700 ohm
RM33	24366223	CF, 22k ohm
RM34	24366223	CF, 22k ohm
RM35	24366272	CF, 2700 ohm

Location	Part No.	Description
No.		
RM36	24366562	CF, 5600 ohm
RM37(UM01)	24366102	CF, 1k ohm
RM37(U021Z)		. ,
RM38(U021Z)		-
RM38(UM01)		CF, 1k ohm
RM39	24366472	
RM40	24366472	• • • • • •
RM42	24366472	CF, 4700 ohm CF, 4700 ohm
RM43 RM44		CF, 4700 ohm
RM45	24366472	CF, 4700 ohm
RM46	24366103	CF, 10k ohm
RM47	24366562	
RM48	24366472	CF, 4700 ohm
RM49	24366472	CF, 4700 ohm
RM50	24366472	CF, 4700 ohm
RM51	24366562	CF, 5600 ohm
RM52	24366103	CF, 10k ohm
RM53		CF, 10k ohm
RM54	24366362	CF, 3600 ohm
RM55	24366472	CF, 4700 ohm
RM56	24366362	CF, 3600 ohm CF, 4700 ohm
RM57 RM58	24366472 24366362	CF, 4700 6hm
RM59	24366472	CF, 4700 ohm
RM60	24366472	CF, 4700 ohm
RM61	24366472	CF, 4700 ohm
RM62(UM01)		CF, 5100 ohm
RM62(U021Z)		CF, 4700 ohm
RM63(UM01)	24366512	CF, 5100 ohm
RM63(U021Z)	24366472	CF, 4700 ohm
RM64(UM01)		CF, 5100 ohm
RM64(U021Z)		CF, 4700 ohm
RM65	24366472	CF, 4700 ohm
RM66	24366472	CF, 4700 ohm
RM67	24366472 24366472	CF, 4700 ohm
RM68 RM69	24366472	CF, 4700 ohm CF, 4700 ohm
RM70	24366472	CF, 4700 Gilli CF, 4700 ohm
RM71		•
RM72	24366822	CF. 8200 ohm
RM73(U021Z)		CF, 10k ohm
RM73(UM01)	24366272	CF, 2700 ohm
RM74(UM01)	24366361	CF, 360 ohm
RM74(U021Z)		CF, 10k ohm
RM75(U021Z)		CF, 12k ohm
RM75(UM01)		CF, 10k ohm, 1/8W
RM76	24366123	CF, 12k ohm
RM77	24366223	CF, 22k ohm CF, 22k ohm
RM78 RM79	24366223 24366273	CF, 27k ohm
RM80	24366822	CF, 27k 01111 CF, 8200 ohm
RM81	24366822	CF, 8200 ohm
RM82	24366103	CF, 10k ohm
RM83	24366472	CF, 4700 ohm
RM84	24366822	CF, 8200 ohm
RM85	24366103	CF, 10k ohm
RM86	24366103	CF, 10k ohm
RM87	24366123	CF, 12k ohm
RM88	24366472	CF, 4700 ohm
RM89	24366472	CF, 4700 ohm
RM90	24366472	CF, 4700 ohm
RM91	24366472	CF, 4700 ohm
RM93	24366472	CF, 4700 ohm

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Location	Part No.	Description	
No.			
RM94	24366472	CF, 4700 ohm	
RM95	24366123	•	
RM96		CF, 7500 ohm	
RM151		CF, 4700 ohm	
RM152		CF, 4700 ohm	
RM153	24366472	CF, 4700 ohm	
RM154	24366472		
RM155	24366472		ı
RM156		CF, 4700 ohm	
RM157	24366472		
RM158	24366472		
RN13	24366103	CF, 10k ohm	
RN14		CF, 82k ohm	
RN15	24366103		
RN16		CF, 82k ohm	1
RN18		CF, 2700 ohm	
RN41	24366102		J
RN42	24366102		
RN70		CF, 1k ohm	- [
RN71	24366102		- [
RN82		CF, 390k ohm	
RN86		CF, 4700 ohm	
RN90	24366102	CF, 1k ohm	ı
RN91	24366183		ı
RN92	24366103		
RN93	24366183		-
RN94	24366103	•	
RN95	24366102		
RN96	24366511	•	
RN97	24366242	•	
RN98	24366101		1
RS01	24366104		ĺ
RS03	24366104	-	-
RS04		CF, 10k ohm	J
RS05	24366102	CF, 1k ohm	
RS06	24366103	•	-
RS07	24366103		
RS08	24366103	-	- 1
RS09	24366102	CF, 1k ohm	-
RS10	24366103	· · · · · · · · · · · · · · · · · · ·	1
RS12	24366103	CF, 10k ohm	
RS14	24366103	CF, 10k ohm	
RS26	24366101	CF, 100 ohm	
RS27	24366101	CF, 100 ohm	
RS42	24366222	CF, 2200 ohm	-
RS43	24366222		
RS44	24366472	CF, 4700 ohm	l
RS45	24366472	CF, 4700 ohm	- ]
RS50	24366103	CF, 10k ohm	١
RS51	24366103	CF, 10k ohm	
RS52	24366821	CF, 820 ohm	ĺ
⚠RS53	24545150	FR, 15 ohm, 1/4W	١
RV02	24366472	CF, 4700 ohm	
RV03	24366102	CF, 1k ohm	-
RV04	24366102	CF, 1k ohm	
RV05	24366471	CF; 470 ohm	-
RV06	24366471	CF, 470 ohm	
RV07	24366103	CF, 10k ohm	1
RV08	24366821	CF, 820 ohm	١
<b>⚠RV09</b>	24000665	FR, 15 ohm, 1/4W	
RV10	24366272	CF, 2700 ohm	
RV11	24366471	CF, 470 ohm	1
RV12	24366301	CF, 300 ohm	-
RV14	24366911	CF, 910 ohm	-
l			- 1

Location	Part No.	Description
No.	Tare No.	Description
D\/45	04000504	CF FC0 - 1
RV15	24366561	CF, 560 ohm
RV16	24366471	•
RV17	24366561	
RV18	24366471	CF, 470 ohm
RV19	24366103	CF, 10k ohm
RV20	24366562	•
RV26	24366221	•
RV30	24366332	•
RV38	24366104	
RV39	24366104	
RV41	24366561	·
RV43	24366101	•
RV44	24366561	CF, 560 ohm
RV81	24366750	•
RV82	24366750	
RV83	24366302	CF, 3k ohm
RV84	24366750	
RV85	24366750	•
RV88	24366750	- ,
RV89		CF, 75 ohm
RV90	24366750	
RV103	24366101	CF, 100 ohm
RV110	24366750	•
RV111	24366302	*
RV112	24366223	CF, 22k ohm
RV117	24366471	CF, 470 ohm
RY01	24872152	• • • • • • • • • • • • • • • • • • • •
RY02	24872102	Chip, 1k ohm, 1/16W
RY03	24871122	Chip, 1200 ohm, 1/8W
RY04	24872162	Chip, 1600 ohm, 1/16W
RY05	24872162	Chip, 1600 ohm, 1/16W
RY06	24872273	Chip, 27k ohm, 1/16W
RY07	24872104	Chip, 100k ohm, 1/16W
RY08	24872103	Chip, 10k ohm, 1/16W
RY09	24872103	Chip, 10k ohm, 1/16W
RY10	24872562	Chip, 5600 ohm, 1/16W
RY11	24872272	Chip, 2700 ohm, 1/16W
RY12	24872202	Chip, 2k ohm, 1/16W
RY13	24872103	Chip, 10k ohm, 1/16W
RY14	24872223	Chip, 22k ohm, 1/16W
RY15	24872223	Chip, 22k ohm, 1/16W
RY18	24872183	Chip, 18k ohm, 1/16W
RY19	24872394	Chip, 390k ohm, 1/16W
RY20	24872103	Chip, 10k ohm, 1/16W
RY23	24872102	Chip, 1k ohm, 1/16W
RY24	24872182	Chip, 1800 ohm, 1/16W
RY25	24872431	Chip, 430 ohm, 1/16W
RY26	24872105	Chip, 1M ohm, 1/16W
RY27	24872332	Chip, 3300 ohm, 1/16W
RY28	24872361	Chip, 360 ohm, 1/16W
RY29	24872431	Chip, 430 ohm, 1/16W
RY30	24872334	Chip, 330k ohm, 1/16W
RY31	24872102	Chip, 1k ohm, 1/16W
RY33	24872102	Chip, 1k ohm, 1/16W
RY34	24872821	Chip, 820 ohm, 1/16W
RY35	24872103	Chip, 10k ohm, 1/16W
RY36	24872824	Chip, 820k ohm, 1/16W
RY37	24872684	Chip, 680k ohm, 1/16W
RY38	24872103	Chip, 10k ohm, 1/16W
RY40	24872103	Chip, 10k ohm, 1/16W
RY41	24872153	Chip, 15k ohm, 1/16W
RY42	24872272	Chip, 2700 ohm, 1/16W
RY43 RY44	24872332 24872102	Chip, 3300 ohm, 1/16W Chip, 1k ohm, 1/16W
N 1 44	240/2102	Chip, Tr Olim, 1/1000

Location	Part No.	Description
No.	Tuit No.	Bescription
-	0.4070404	011 41 4 44044
RY45	24872102	Chip, 1k ohm, 1/16W
RY46	24872102	Chip, 1k ohm, 1/16W
RY47	24872562	Chip, 5600 ohm, 1/16W
RY48	24872113	Chip, 11k ohm, 1/16W
RY50	24066875	VR, 20k ohm, 0.3W
RY52	24066598	VR, 2k ohm, 1/10W
RY53	24066598 24872512	VR, 2k ohm, 1/10W
RY60		Chip, 5100 ohm, 1/16W
RY61	24872512 24872202	Chip, 5100 ohm, 1/16W
RY62 RY63	24872102	Chip, 2k ohm, 1/16W Chip, 1k ohm, 1/16W
RY64	24872102	Chip, 1k ohm, 1/16W
RY65	24871301	Chip, 300 ohm, 1/8W
RY67	24872202	Chip, 2k ohm, 1/16W
RY68	24872202	Chip, 2k ohm, 1/16W
RY69	24872202	Chip, 2k ohm, 1/16W
RY70	24872752	Chip, 7500 ohm, 1/16W
RY71	24872202	Chip, 7500 ohn, 1/16W
RY72	24872202	Chip, 1k ohm, 1/16W
RY73	24872102	Chip, 27k ohm, 1/16W
RY74	24872302	Chip, 3k ohm, 1/16W
RY75	24872622	Chip, 6200 ohm, 1/16W
RY76	24872622	Chip, 6200 ohm, 1/16W
RY77	24872102	Chip, 1k ohm, 1/16W
RY78	24872154	Chip, 150k ohm, 1/16W
RY79	24872223	Chip, 22k ohm, 1/16W
RY80	24872302	Chip, 3k ohm, 1/16W
RY81	24872302	Chip, 3k ohm, 1/16W
RY82	24872154	Chip, 150k ohm, 1/16W
RY85	24871122	Chip, 1200 ohm, 1/8W
RY86	24871751	Chip, 750 ohm, 1/8W
RY87	24871751	Chip, 750 ohm, 1/8W
RY88	24872332	Chip, 3300 ohm, 1/16W
RY89	24872822	Chip, 8200 ohm, 1/16W
RY90	24872202	Chip, 2k ohm, 1/16W
RY91	24872102	Chip, 1k ohm, 1/16W
RY92	24872102	Chip, 1k ohm, 1/16W
RY93	24872202	Chip, 2k ohm, 1/16W
RY94	24872202	Chip, 2k ohm, 1/16W
RY95	24872102	Chip, 1k ohm, 1/16W
RY96	24872102	Chip, 1k ohm, 1/16W
RY97	24872102	Chip, 1k ohm, 1/16W
RY98	24871102	Chip, 1k ohm, 1/8W
RY99	24871102	Chip, 1k ohm, 1/8W
RY100	24871102	Chip, 1k ohm, 1/8W
RY103	24872103	Chip, 10k ohm, 1/16W
RY104	24872103	Chip, 10k ohm, 1/16W
RY105	24872103	Chip, 10k ohm, 1/16W
RY106	24872202	Chip, 2k ohm, 1/16W
RY107	24872202	Chip, 2k ohm, 1/16W
RY109	24872103	Chip, 10k ohm, 1/16W
RY110	24872753	Chip, 75k ohm, 1/16W
RY111	24872912	Chip, 9100 ohm, 1/16W
RY119	24000824	Chip Jumper, 2125 type
RY120	24872682	Chip, 6800 ohm, 1/16W
RY121	24872332	Chip, 3300 ohm, 1/16W
RY122	24872682	Chip, 6800 ohm, 1/16W
RY123	24872332	Chip, 3300 ohm, 1/16W
RY124	24872103	Chip, 10k ohm, 1/16W
RY125	24872102	Chip, 1k ohm, 1/16W
RY127	24872103	Chip, 10k ohm, 1/16W
RY133	24872202	Chip, 2k ohm, 1/16W
RY134	24872113	Chip, 11k ohm, 1/16W
RY135	24872153	Chip, 15k ohm, 1/16W

Location	Part No.	Description		
No.	ran No.	Description		
RY136	24872103	Chip, 10k ohm, 1/16W		
RY137	24872302	Chip, 3k ohm, 1/16W		
RY138	24872103	Chip, 10k ohm, 1/16W		
RY139	24872162	Chip, 1600 ohm, 1/16W		
RY140	24872752	Chip, 7500 ohm, 1/16W		
RY147	24872103	Chip, 10k ohm, 1/16W		
RY148	24872202	Chip, 2k ohm, 1/16W		
RY149 RY150	24872103	Chip, 10k ohm, 1/16W		
RY161	24872223 24872431	Chip, 22k ohm, 1/16W Chip, 430 ohm, 1/16W		
RY162	24872431	Chip, 430 ohm, 1/16W		
RY163	24872821	Chip, 820 ohm, 1/16W		
RY165	24872103	Chip, 10k ohm, 1/16W		
RZ01	24366103	CF, 10k ohm		
RZ02	24366102	CF, 1k ohm		
RZ03	24366202	CF, 2k ohm		
RZ04	24366152	CF, 1500 ohm		
RZ05	24366222	CF, 2200 ohm		
RZ06	24366102	CF, 1k ohm		
RZ07	24366272	CF, 2700 ohm		
RZ09	24552121	OMF, 120 ohm, 1/2W		
RZ10	24366222	CF, 2200 ohm		
RZ11	24366102	CF, 1k ohm		
RZ13	24366102	CF, 1k ohm		
RZ14	24366751	CF, 750 ohm		
RZ15	24366681	CF, 680 ohm		
RZ16	24366751	CF, 750 ohm		
RZ18	24366102	CF, 1k ohm		
RZ19	24366681	CF, 680 ohm		
RZ21	24366202	CF, 2k ohm		
RZ22	24366222	CF, 2200 ohm		
RZ23	24366103	CF, 10k ohm		
RZ30	24366511	CF, 510 ohm CF, 820 ohm		
RZ36 RZ37	24366821 24366511	CF, 510 ohm		
RZ38	24366472	CF, 4700 ohm		
RZ40	24366751	CF, 750 ohm		
RZ41	24366152	CF, 1500 ohm		
RZ42	24366132	CF, 1300 ohm		
RZ43	24366751	CF, 750 ohm		
RZ46	24366821	CF, 820 ohm		
RZ50	24066928	VR, 2k ohm, 1/10W		
RZ51	24066879	VR, 1k ohm, 0.3W		
RZ52	24066878	VR, 2k ohm, 0.3W		
RZ53	24066928	VR, 2k ohm, 1/10W		
RZ54	24066878	VR, 2k ohm, 0.3W		
RZ64	24366331	CF, 330 ohm		
RZ65	24366332	CF, 3300 ohm		
RZ89	24366331	CF, 330 ohm		
COILS & TR				
L060	23238702	Coil, Peaking, TRF4101AJ		
L220	23238718	Coil, Peaking, TRF4479AJ		
L221	23238562	Coil, Peaking, TRF4109AJ		
L260	23238718	Coil, Peaking, TRF4479AJ		
L400	23238714	Coil, Peaking, TRF4100AJ		
L402	23238714	Coil, Peaking, TRF4100AJ		
L403	23238714	Coil (Farrita Bond), TEM2011		
L410	23103859	Coil (Ferrite Bead), TEM2011		
L411	23103859 23103859	Coil (Ferrite Bead), TEM2011 Coil (Ferrite Bead), TEM2011		
L422 L423	23103859	Coil, Choke, TLN3017		
L423	23221961	Coil, Clicke, TENSOT7 Coil, RF Choke, TLN1015		
L425 L441	23233045	Coil, Linearity, TLN2083G		
'	20200070	Jon, Emounty, 1 Erezood		

Location No.	Part No.	Description
L442	23222691	Coil, Width, TLN2031
L444	23221746	Coil, Choke, TLN3155D
L446	23221746	Coil, Choke, TLN3155D
L448	23221746	Coil, Choke, TLN3155D
<b>∆</b> L462	23231040	Deflection Yoke, TDY7076S
<b>∆</b> L463	23231041	Deflection Yoke, TDY7076S
<b> ∆ L</b> 464	23231042	Deflection Yoke, TDY7076S
L470	23233064	Coil, Width, TLN2110
L472	23102413	Coil, Focus, MAG-1073
L473	23102413	Coil, Focus, MAG-1073
L501	23238710	Coil, Peaking, TRF4220AJ
L701	23237980	Coil, Peaking, TRF4390AC Coil (Ferrite Bead), TEM2011
L702	23103859 23103859	Coil (Ferrite Bead), TEM2011
L703 L704	23103639	Coil, Choke, HC5-035
L704	23103859	Coil (Ferrite Bead), TEM2011
L705	23103859	Coil (Ferrite Bead), TEM2011
L707	23103859	Coil (Ferrite Bead), TEM2011
L707	23103859	Coil (Ferrite Bead), TEM2011
L709	23103859	Coil (Ferrite Bead), TEM2011
L710	23103859	Coil (Ferrite Bead), TEM2011
L801	23103880	Coil (Ferrite Bead), TEM2011Y
L802	23103880	Coil (Ferrite Bead), TEM2011Y
L804	23103880	Coil (Ferrite Bead), TEM2011Y
L805	23103880	Coil (Ferrite Bead), TEM2011Y
L806	23103880	Coil (Ferrite Bead), TEM2011Y
L807	23103880	Coil (Ferrite Bead), TEM2011Y
L808	23103880	Coil (Ferrite Bead), TEM2011Y
L809	23103880	Coil (Ferrite Bead), TEM2011Y
L810	23103880	Coil (Ferrite Bead), TEM2011Y
L811	23103880	Coil (Ferrite Bead), TEM2011Y
L814	23221746	Coil, Choke, TLN3155D
L815	23221746	Coil, Choke, TLN3155D Coil (Ferrite Bead), TEM2011Y
L817	23103880 23103880	Coil (Ferrite Bead), TEM2011Y
L818 L819	23103660	Coil, Choke, TLN3073
L860	23103880	Coil (Ferrite Bead), TEM2011Y
L861	23103880	Coil (Ferrite Bead), TEM2011Y
L881	23103880	Coil (Ferrite Bead), TEM2011Y
L882	23103880	Coil (Ferrite Bead), TEM2011Y
L883	23103880	Coil (Ferrite Bead), TEM2011Y
L884	23103880	Coil (Ferrite Bead), TEM2011Y
L885	23103880	Coil (Ferrite Bead), TEM2011Y
L886	23103880	Coil (Ferrite Bead), TEM2011Y
L887	23103880	Coil (Ferrite Bead), TEM2011Y
L888	23103880	Coil (Ferrite Bead), TEM2011Y
L889	23221746	Coil, Choke, TLN3155D
L890	23103880	Coil (Ferrite Bead), TEM2011Y
L891	23103880	Coil (Ferrite Bead), TEM2011Y
L892	23103880	Coil (Ferrite Bead), TEM2011Y
L893	23103880	Coil (Ferrite Bead), TEM2011Y Coil (Ferrite Bead), TEM2011Y
L894	23103880	Coil, Peaking, TRF4100AC
L908	23237987 23238562	Coil, Peaking, TRF4109AJ
LA01 LA02	23230302	Coil, IF, TRF1169D
LA02 LA06	23237987	Coil, Peaking, TRF4100AC
LA10	23237307	Coil, Peaking, TRF4120AJ
LB71	23238714	Coil, Peaking, TRF4100AJ
LF01	23221746	Coil, Choke, TLN3155D
LF02	23221746	Coil, Choke, TLN3155D
LM01	23262682	Coil, IF, TRF1147T
LV02	23237975	Coil, Peaking, TRF4101AC
LV05	23237978	Coil, Peaking, TRF4560AC
LV08	23237984	Coil, Peaking, TRF4180AC
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Location	Part No.	Description
No.	raitivo.	Description
LV47	23238705	Coil, Peaking, TRF4560AJ
LY02	23238727	Coil, Peaking, TRF4332Al
LY03	23238728	Coil, Peaking, TRF4272Al
LY04	23238711	Coil, Peaking, TRF4180AJ
LY05	23238509	Coil, Peaking, TRF4151AJ
LY06	23237995	Coil, Peaking, TRF4229AC
LY07	23238510	Coil, Peaking, TRF4181AJ
LY08	23238510	Coil, Peaking, TRF4181AJ
LY10	23238506	Coil, Peaking, TRF4229AJ
LY12	23238714	Coil, Peaking, TRF4100AJ
LY13	23238702	Coil, Peaking, TRF4101AJ
LY14	23238702	Coil, Peaking, TRF4101AJ
LY17	23103866	Chip (Ferrite Bead), TEM2015T
LY18	23238708	Coil, Peaking, TRF4330AJ
LY20	23238509	Coil, Peaking, TRF4151AJ
LY21	23238708	Coil, Peaking, TRF4330AJ
LY22	23238706	Coil, Peaking, TRF4470AJ
LY23	23238710	Coil, Peaking, TRF4220AJ
LZ01	23237981	Coil, Peaking, TRF4330AC
LZ03	23237978	Coil, Peaking, TRF4560AC
LZ03	23237978	Coil, Peaking, TRF4560AC
	23237370	Coil, Peaking, TRF4150AJ
LZ06		Coil, Choke, AZ9246F
LZ07	23261052	Coil, Choke, TRF9213
LZ08	23261996	
LZ09	23237980	Coil, Peaking, TRF4390AC
LZ10	23237976	Coil, Peaking, TRF4820AC
LZ11	23237987	Coil, Peaking, TRF4100AC
LZ12	23237987	Coil, Peaking, TRF4100AC
LZ13	23261982	Coil, RF Choke, TRF9224D
LZ15	23237987	Coil, Peaking, TRF4100AC
T401	23224997	Transformer, Horiz. Drive,
		TLN1027
T420	23224997	Transformer, Horiz. Drive,
		TLN1027
<b><b>△</b>T421</b>	23228937	Transformer, Side DPC,
		TPC2026
<b><b>∆</b>T461</b>	23236445	Transformer, Flyback,
•		TFB5070AN
<b>△</b> T462	23224349	Transformer, Pulse, TLN2174
T470	23224346	Transformer, Focus, TLN2168
<b>△T801</b>	23211876	Line Filter, TRF3158
<b>⚠</b> T802	23211876	Line Filter, TRF3158
<b>△T840</b>	23217111	Transformer, Power,
2040	20277111	TPW1524AS
<b>△T862</b>	23217201	Transformer, Converter,
23 1002	20217201	TPW3272AD
<b>∆</b> ⊤888	23217200	Transformer, Converter,
77 1000	23217200	TPW3271AM
:		11 W327 IAW
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SEMICOND		10 140700507
IC183	23319199	IC, MC7805CT
1C305	B0487391	IC, TC74HC123AP
IC390	B0350510	IC, TA75558S
IC412	B0350000	IC, TA75458P
IC470	B0350510	IC, TA75558S
IC501	B0384607	IC, TA8845AN
<b>∆</b> 1C610	23318413	IC, LA4282
<b>△IC701</b>	23904231	IC, STK392-020
<b></b> ∆ IC702	23904231	IC, STK392-020
<b></b> ∆ IC801	23319956	IC, STR-M6515
<b></b> ∆1C802	23319956	IC, STR-M6515
<b>∆</b> IC840	23318299	IC, L78MR05-FA
IC841	23319858	IC, NJM78M05FA
ICA01	23904228	IC, TMP87CK42N-4

Location		
No.	Part No.	Description
	<del></del>	
ICA02	23319954	IC, μPD6274CX
ICA03 ICA05	23319840	IC, μPD6453CY509 IC, TC74HC4094AP
ICA05	B0487098 70119743	IC, 1C74HC4094AP
ICA18	23319234	IC, PST572G
ICB71	23318633	IC, CX-7948A
ICB72	B0485912	IC, TC74HC32AP
ICB76	B0487588	IC, TC74HC4066AP
△ICF01	23319314	IC, μPC2412HF
⚠ICF03	23319202	IC, MC7809CT
∆ICJ01	23318840	IC, AN79M05F
△ICJ02	23319199	IC, MC7805CT
ICJ03	23904230	IC, PA0036
ICJ04 ICJ05	23904230 23319808	IC, PA0036 IC, M5218AP
ICJ05	23319808	IC, M5218AP
ICJ07	23319808	IC, M5218AP
ICJ08	B0475382	IC, TC4538BP
ICJ11	23319808	IC, M5218AP
ICJ12	23319808	IC, M5218AP
ICJ13	23319808	IC, M5218AP
ICJ14	23319808	IC, M5218AP
ICJ15	23319808	IC, M5218AP
ICJ16	23319808	IC, M5218AP
ICM01	23904232	IC, TMP87C832N
ICM02 ICN05	B0384695 23319802	IC, TA8862P
ICN06	B0383935	IC, LM358N IC, TA8776N
ICV01	B0384760	IC, TA8851AN
ICY01	B0383950	IC, TA8779F
ICY03	B0412659	IC, TC9067F
ICZ04	B0589085	IC, TL8608AP
ICZ30	B0379200	IC, TA8620P
Q180	A6012050	Transistor, RN2205
Q.206	A6534053	Transistor, 2SA1015-Y(TE)
Q241	A6002040	Transistor, RN1204
Q242	A6317440	Transistor, 2SC1815-Y
Q243 Q246	A6002040 A6317440	Transistor, RN1204 Transistor, 2SC1815-Y
Q240 Q260	A6002040	Transistor, RN1204
Q263	A6534053	Transistor, 2SA1015-Y(TE)
Q270	A6534053	Transistor, 2SA1015-Y(TE)
0.271	A6317440	Transistor, 2SC1815-Y
Q272	A6317440	Transistor, 2SC1815-Y
Q301	A6324961	Transistor, 2SC2229-Y
<b>△</b> 0302	A6365320	Transistor, 2SC3907-O
<b>∆</b> Q303	A6549470	Transistor, 2SA1516-O
Q306	A6317440	Transistor, 2SC1815-Y
Q307	A6002020 A6317440	Transistor, RN1202
Q340 Q341	A6534053	Transistor, 2SC1815-Y Transistor, 2SA1015-Y(TE)
Q341 Q391	A6317440	Transistor, 2SC1815-Y
Q391 Q392	A6317440	Transistor, 2SC1815-Y
Q393	A6534053	Transistor, 2SA1015-Y(TE)
Q394	A6317440	Transistor, 2SC1815-Y
Q402	A678971D	Transistor, 2SC1569 FA-5
<b>△ Q</b> 404	A6365284	Transistor, 2SC3893AFA-1
Q414	23314277	Transistor, 2SC2655Y-CN
Q420	A6317440	Transistor, 2SC1815-Y
Q421	A6317440	Transistor, 2SC1815-Y
Q422	A6534053	Transistor, 2SA1015-Y(TE)
Q431 Q432	A6317440	Transistor, 2SC1815-Y
±432	A678971C A6365284	Transistor, 2SC1569 FA-4 Transistor, 2SC3893A FA-1
	, 10000204	
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Location	Part No.	Description
No.	rait No.	Description
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△ Q451	A6534036	Transistor, 2SA1015-O(TE)
Q452	A6317440	Transistor, 2SC1815-Y
Q458	A6317440	Transistor, 2SC1815-Y
Q471	A6357850	Transistor, 2SC3148
Q480	A6317440	Transistor, 2SC1815-Y
Q503	A6317440	Transistor, 2SC1815-Y
Ω703	A6317440	Transistor, 2SC1815-Y
Ω704	A6317440	Transistor, 2SC1815-Y
Q705	A6002030	Transistor, RN1203
Q706	A6734590	Transistor, 2SC752(G)TM-Y
Q707	A6317440	Transistor, 2SC1815-Y
Q708	A6734590	Transistor, 2SC752(G)TM-Y
Q709	A6317440	Transistor, 2SC1815-Y
Q710	A6534053	Transistor, 2SC1010-1
<u></u>	A6546665	Transistor, 2SA1306-Y
<u> </u>	A6359135	Transistor, 2SC3298A-Y
Q803	A6317440	Transistor, 2SC1815-Y
Q804	A6317440	Transistor, 2SC1815-Y
<b>△ 0805</b>	A8643135	Photo Coupler, TLP621(GRL)
Q806	A6333346	Transistor, 2SC2655-Y(C)
Q807	A6317440	Transistor, 2SC1815-Y
Q808	A6010060	Transistor, RN2006
Q809	A6317440	Transistor, 2SC1815-Y
<b>△</b> Q841	A8643135	Photo Coupler, TLP621(GRL)
<b>△</b> Q845	A6907752	Transistor, S1854 FA-1
Q862	A6317440	Transistor, 2SC1815-Y
Q863	A6317440	Transistor, 2SC1815-Y
Q870	A6532853	Transistor, 2SA949-Y(C)
∆ Q902	A678970A	Transistor, 2SC1569
△ Q903	A678970A	Transistor, 2SC1569
1		•
<b>△ Q904</b>	A678970A	Transistor, 2SC1569
Q907	A6509154	Transistor, 2SA562TM-Y(T)
Q908	A6734590	Transistor, 2SC752(G)TM-Y
Q909	A6734590	Transistor, 2SC752(G)TM-Y
Q910	A6734590	Transistor, 2SC752(G)TM-Y
Q911	A6321265	Transistor, 2SC2120-Y(TE)
Q917	A6734590	Transistor, 2SC752(G)TM-Y
QA11	A6534053	Transistor, 2SA 1015-Y(TE)
QA12	A6534053	Transistor, 2SA1015-Y(TE)
QA13	A6534053	Transistor, 2SA1015-Y(TE)
QA14	A6317440	Transistor, 2SC1815-Y
QA15	A6342206	Transistor, 2SC2878-A(TE)
QA16	A6342206	Transistor, 2SC2878-A(TE)
QA19	A6002010	Transistor, RN1201
QA20	A6317440	Transistor, 2SC1815-Y
QB24	A6534053	Transistor, 2SA 1015-Y(TE)
QB59	A6534053	Transistor, 2SA 1015-1(TE)
QB60	A6317440	Transistor, 2SC1815-Y
	A6317440 A6317440	·
QB74		Transistor, 2SC1815-Y
QB75	A6317440	Transistor, 2SC1815-Y
QB77	A6534053	Transistor, 2SA1015-Y(TE)
QB78	A6317440	Transistor, 2SC1815-Y
QB79	A6317440	Transistor, 2SC1815-Y
QB80	A6317440	Transistor, 2SC1815-Y
QB81	A6317440	Transistor, 2SC1815-Y
QB82	A6317440	Transistor, 2SC1815-Y
OB83	A6002060	Transistor, RN1206
QB84	A6002060	Transistor, RN1206
QB85	A6317440	Transistor, 2SC1815-Y
QG01	A6002030	Transistor, RN1203
QG02	A6002030	Transistor, RN1203
QM03	A6317440	Transistor, 2SC1815-Y
QM04	A6534053	Transistor, 2SA1015-Y(TE)
QN13	A6342206	Transistor, 2SC2878-A(TE)
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Location	Part No.	Description
No.	i ait ivo.	Description
QN14	A6342206	Transistor, 2SC2878-A(TE)
<b>△</b> QN16	A6317764	Transistor, 2SC1815-GR
QS38	A6317440	Transistor, 2SC1815-Y
QS49	A6317440	Transistor, 2SC1815-Y
QV07	A6534053	Transistor, 2SA1015-Y(TE)
QV10	A6534053	Transistor, 2SA1015-Y(TE)
QV11	A6317440	Transistor, 2SC1815-Y
QV31	A6317440	Transistor, 2SC1815-Y
QV40	A6534053	Transistor, 2SA1015-Y(TE)
QV41	A6317440	Transistor, 2SC1815-Y
QV42	A6534053	Transistor, 2SA1015-Y(TE) Transistor, 2SA1162-Y
QY10 QY11	A6541137 A6335477	Transistor, 2SC2712-Y
QY12	A6335477	Transistor, 2SC2712-Y
QY13	A6335477	Transistor, 2SC2712-Y
QY14	A6004020	Transistor, RN1402
QY15	A6541137	Transistor, 2SA1162-Y
QY16	A6541137	Transistor, 2SA1162-Y
QY17	A6541137	Transistor, 2SA1162-Y
QY18	A6541137	Transistor, 2SA1162-Y
QY19	A6335477	Transistor, 2SC2712-Y
QY20	A6335477	Transistor, 2SC2712-Y
QY21	A6335477	Transistor, 2SC2712-Y
QY22	A6335477	Transistor, 2SC2712-Y
QY23	A6541137	Transistor, 2SA1162-Y
QY24 QY25	A6043330 A6541137	Transistor, 2SK209-Y Transistor, 2SA1162-Y
QY26	A6541137	Transistor, 2SA1162-Y
QY27	A6541137	Transistor, 2SA1162-Y
QY28	A6043330	Transistor, 2SK209-Y
QY29	A6541137	Transistor, 2SA1162-Y
QY30	A6335480	Transistor, 2SC2712-GR
QY31	A6335477	Transistor, 2SC2712-Y
QY32	A6335477	Transistor, 2SC2712-Y
OY33	A6541137	Transistor, 2SA1162-Y
QY34	A6335477	Transistor, 2SC2712-Y
QY35	A6043330	Transistor, 2SK209-Y
QY36	A6335477	Transistor, 2SC2712-Y
QY41	A6335477	Transistor, 2SC2712-Y
QY42 QZ03	A6004020 A6534053	Transistor, RN1402 Transistor, 2SA1015-Y(TE)
QZ05	A6534053	Transistor, 2SA1015-Y(TE)
0Z06	A6534053	Transistor, 2SA1015-Y(TE)
QZ07	A6317440	Transistor, 2SC1815-Y
QZ10	A6317440	Transistor, 2SC1815-Y
QZ14	A6317440	Transistor, 2SC1815-Y
QZ25	A6534053	Transistor, 2SA1015-Y(TE)
D060	23316411	Diode, Zener, HZT33-12
D182	A7150258	Diode, 1SS176
D183	A7150258	Diode, 1SS176
D204	A7150258	Diode, 188176
D215	A7150258	Diode, 1SS176 Diode, 1SS176
D216 D217	A7150258 A7150258	Diode, 188176 Diode, 188176
D217	A7150258	Diode, 133176 Diode, 1SS176
D218	A7150258	Diode, 133176 Diode, 1SS176
D220	A7150258	Diode, 1SS176
D221	23316339	Diode, Zener, UZ15BSB
D222	23316339	Diode, Zener, UZ15BSB
D223	23316339	Diode, Zener, UZ15BSB
D224	23316339	Diode, Zener, UZ15BSB
D225	A7150258	
D226	23316339	Diode, Zener, UZ15BSB
D228	A7150258	Diode, 1SS176
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Location	Part No.	Description
No.		
D229	A7150258	Diode, 1SS176
D260	23316311	Diode, Zener, UZ6.2BSA
D261	A7150258	
D265	23316339	Diode, Zener, UZ15BSB
D271	A7150258	
D287		Diode, 1SS176
D288	A7150258	Diode, 1SS176
D290	A7150258	
D291	23316301	
D301	A7150258	Diode, 1SS176
D302	A7150258	
D303	A7150258	Diode, 1SS176
D305	A7150258	Diode, 1SS176
D307	A7150258	Diode, 1SS176
D308	A7150258	Diode, 1SS176
D390	23316318	Diode, Zener, UZ7.5BSB
D401	23316333	Diode, Zener, UZ12BSB
D402	23316325	Diode, Zener, UZ9.1BSC
D403	23316284	Diode, Zener, UZ2.2BSA
D404	23316306	Diode, Zener, UZ5.1BSB
<b>△</b> D406	A7978850	Diode, S5295G
<b>△</b> D408	A7580658	Diode, 3JH41
<b>△</b> D412	A7580658	Diode, 3JH41
<b>△</b> D424	23115878	Diode, Zener, µPC574J, (L)
D437	23316321	Diode, Zener, UZ8.2BSB
D458	A7150258	Diode, 1SS176
<b>△ D462</b>	A7978850	Diode, S5295G
D470	23316321	Diode, Zener, UZ8.2BSB
D471	A7568460	Diode, TVR-1B
<b>△D473</b>	A7150258	Diode, 1SS176
<b>△</b> D475	23115774	Diode, Zener, RD6.2E(4)
D476	A7150258	Diode, 1SS176
D480	A7150258	Diode, 1SS176
D481	A7150258	Diode, 1SS176
D484	23316339	Diode, Zener, UZ15BSB
D486	23316302	The state of the s
D495	A7150258	Diode, 1SS176
D703	A7150258	
D704	A7150258	Diode, 1SS176
D705	A7150258	· · · · · · · · · · · · · · · · · · ·
D706	A7568475	
D707	A7568475	Diode, TVR-2D
△ D801	23316693	Diode, RBV-606
D802	A7568752	Diode, 1S1887A
D803	23316381	Diode, RU1P
D804	23316381	
D805	23316305	Diode, Zener, UZ5.1BSA
△ D806	23316363	Diode, Zener, UZ30BSB Diode, Zener, UZ10BSB
D807	23316327 23118060	Diode, AL01Z
D808	23118060	Diode, AL01Z
D809 D810	23118060	Diode, AL01Z
1.	23316406	Diode, FML-G16S
△ D811 △ D812	23316406	Diode, FML-G16S
D813	23316306	Diode, Zener, UZ5.1BSB
D814	A7150258	Diode, 1SS176
D815	23316348	Diode, Zener, UZ20BSB
D816	23316374	Diode, Zener, UZ39BSA
D817	A7150351	Diode, 1SS178
D818	A7150258	Diode, 188176
D819	A7150258	Diode, 188176
△ D840	23115532	Diode, ERB12-01RK
△ D841	23115532	Diode, ERB12-01RK
△ D842	23115532	Diode, ERB12-01RK
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Location	Part No.	Description
No.	rait No.	Description
<b>△ D843</b>	23115532	Diode, ERB12-01RK
D844	A7150258	Diode, 1SS176
D845	A7150351	Diode, 1SS178
D846	23316306	Diode, Zener, UZ5.1BSB
D847(U801)	A7150258	Diode, 1SS176
D847(U901)	23115532	Diode, ERB12-01RK
D848	23316351	Diode, Zener, UZ22BSB
D849	23316327	Diode, Zener, UZ10BSB
D860	23316305	Diode, Zener, UZ5.1BSA
△ D861	23316363	Diode, Zener, UZ30BSB
D862	A7801166	SCR, SF0R3G42-IG5
D863	A7568752	Diode, 1S1887A
D864	23118060	Diode, AL01Z
D865	23118060	Diode, AL01Z
D866	23118060	Diode, AL01Z
1 _ : : : :		Diode, Zener, UZ10BSB
D867	23316327	
D870	23316370	Diode, Zener, UZ36BSA
D878	23316370	Diode, Zener, UZ36BSA
D879	A7150351	Diode, 1SS178
<b>№ D883</b>	23316406	Diode, FML-G16S
<b>△</b> D884	23316184	Diode, FML-G12S
<b>△</b> D885	23316406	Diode, FML-G16S
D888	23118339	Diode, Zener, R2M
D901	A7150258	Diode, 1SS176
D902	A7150258	Diode, 1SS176
D903	A7150258	Diode, 1SS176
D904	A7150258	Diode, 1SS176
D905	A7150258	Diode, 1SS176
D906	A7150258	Diode, 1SS176
D907	A7150258	Diode, 1SS176
D908	A7150258	Diode, 1SS176
D908	A7150258	Diode, 1SS176
		Diode, 133176
D910	A7150258	·
D911	A7150258	Diode, 1SS176
D912	A7150258	Diode, 1SS176
D913	A7150258	Diode, 1SS176
D914	A7150258	Diode, 1SS176
D917	A7150258	Diode, 1SS176
D918	A7150258	Diode, 1SS176
DA07	23316327	Diode, Zener, UZ10BSB
DA09	A7150258	Diode, 1SS176
DA10	23316308	Diode, Zener, UZ5.6BSA
DA18	23316311	Diode, Zener, UZ6.2BSA
DA22	23316311	Diode, Zener, UZ6.2BSA
DA25	A7150258	Diode, 1SS176
DA26	A7150258	Diode, 1SS176
DA27	A7150258	Diode, 1SS176
DA31	23316311	Diode, Zener, UZ6.2BSA
DA31	23316311	Diode, Zener, UZ6.2BSA
DA32 DA33	A7150258	Diode, 15S176
		Diode, 153176 Diode, Zener, UZ6.2BSA
DA42	23316311	
DA43	A7150258	Diode, 1SS176
DA44	A7150258	Diode, 1SS176
DA45	A7150258	Diode, 1SS176
DA46	A7150258	Diode, 1SS176
DA47	A7150258	Diode, 1SS176
DA71	23316312	Diode, Zener, UZ6.2BSB
DA73	23316311	Diode, Zener, UZ6.2BSA
DB70	23316312	Diode, Zener, UZ6.2BSB
DB71	23316312	Diode, Zener, UZ6.2BSB
DB74	A7150258	Diode, 1SS176
DB75	23316311	Diode, Zener, UZ6.2BSA
DB76	23316311	Diode, Zener, UZ6.2BSA
DE50	A8608780	Diode (LED), TLY153, Yellow
5200	, .5555, 60	
L		

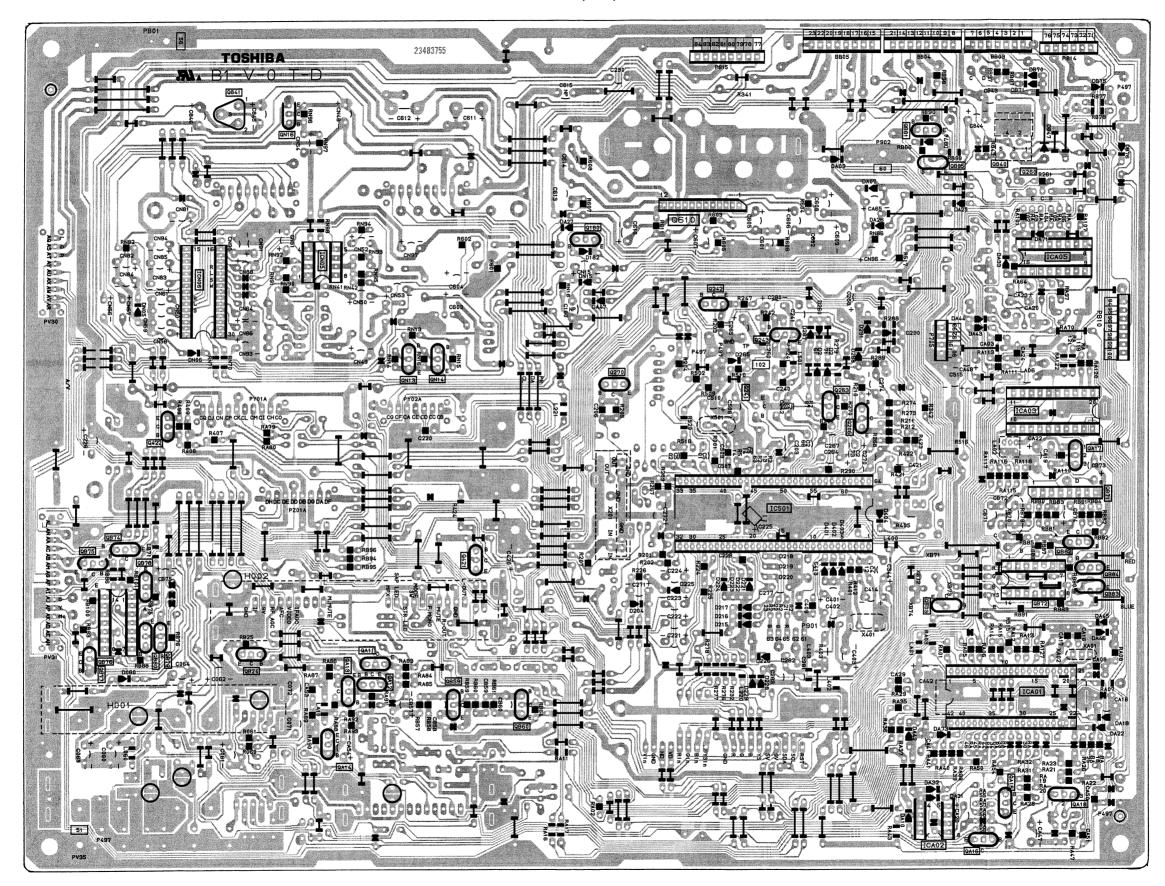
Location	David N.L.	Description
No.	Part No.	Description
DG01	A7150258	Diode, 1SS176
DG02	A7150258	Diode, 1SS176
DG03	A7150258	Diode, 1SS176
DG04	A7150258	Diode, 1SS176
DG05	23316339	Diode, Zener, UZ15BSB Diode, Zener, UZ15BSB
DG06 DJ02	23316339 A7150258	Diode, 1SS176
DJ02 DJ03	A7150258	Diode, 133176
DJ04	A7150258	Diode, 1SS176
DJ05	A7150258	Diode, 1SS176
DJ06	A7150258	Diode, 1SS176
DJ07	A7150258	Diode, 1SS176
DJ08	A7150258	Diode, 1SS176
DJ09	A7150258	· ·
DJ10	A7150258	Diode, 1SS176
DJ11	A7150258	Diode, 1SS176
DJ12	A7150258	Diode, 1SS176 Diode, 1SS176
DJ13	A7150258 A7150258	Diode, 1SS176
DJ14 DJ15	A7150258	Diode, 133176 Diode, 1SS176
DJ16	A7150258	Diode, 188176
DJ17	A7150258	Diode, 1SS176
DN05	23316334	Diode, Zener, UZ12BSC
DN06	23316334	Diode, Zener, UZ12BSC
DN15	23316285	Diode, Zener, UZ2.2BSB
DV01	23316327	Diode, Zener, UZ10BSB
DV02	23316327	Diode, Zener, UZ10BSB
DV03	23316327	Diode, Zener, UZ10BSB
DV04	23316327	Diode, Zener, UZ10BSB
DV07	23316327	Diode, Zener, UZ10BSB
DV08	23316327 23316327	Diode, Zener, UZ10BSB Diode, Zener, UZ10BSB
DV09 DV10	A7150258	Diode, 1SS176
DV10	A7150258	Diode, 188176
DV12	A7150258	Diode, 1SS176
DV13	A7150258	Diode, 1SS176
DV19	23316312	Diode, Zener, UZ6.2BSB
DV20	23316312	Diode, Zener, UZ6.2BSB
DV24	A7568752	Diode, 1S1887A
DV25	A7568752	Diode, 1S1887A
DY01	A7151100	Diode, 1SS193
DY02	A7151100	Diode, 1SS193
DY03	A7151100	Diode, 1SS193 Diode, 1SS193
DY17 DY30	A7151100 A7152750	Diode, 155193 Diode, 155226
D730 DZ01	23316320	Diode, 733220 Diode, Zener, UZ8.2BSA
DZ09	23316329	Diode, Zener, UZ15BSB
	IFOUR	•
MISCELLAN		C
BB03	23902750	Connector, 7P
BB04	23902751	Connector, 8P Connector, 8P
BB05 BB13	23902751 23368518	Connector, 7P
BB14	23368519	Connector, 8P
BB15	23368519	Connector, 8P
△F701	23144841	Fuse, 2.0A
<b>△F702</b>	23144841	Fuse, 2.0A
<b> ∱</b> F801	23144481	Fuse, 7.0A
F801A	23165433	Holder, Fuse
<b> £</b> F803	23144888	Fuse, 5.0A
F803A	23165433	Holder, Fuse
<b> F804</b>	23144849	Fuse, 2.0A
F804A	23165433	Holder, Füse
<b> ∱</b> F806	23144893	Fuse, 3.15A

Location No.	Part No.	Description			
F806A		Holder, Fuse			
<b></b>	23144888	Fuse, 5.0A			
F883A		Holder, Fuse Fuse, 1.6A Holder, Fuse Module, US PIF/SIF/MTS,			
<b>∆F884</b>	23144854				
F884A	23165433				
H002	23148161				
1002		MVUS31 F Connector, Antenna Terminal			
P002					
P003		Terminal, 4P			
P411	23164722	Plug, 5P			
P414	23164725	Plug, 2P			
P702	23164787	Plug, 7P			
<b>⚠ P801</b>	23176588	Power Cord			
P811	23164722	Plug, 5P			
PM01	23367681	Plug, 8P			
PS10	23365711	Jack, 1S6P			
PS11	23365711	Jack, 1S6P			
PS20	23365711	Jack, 1S6P			
PS21	23365711	Jack, 1S6P			
PS50	23365712	Jack, 5P			
PS51	23365712	Jack, 5P			
PS62	23365712	Jack, 5P			
PS63	23365712	Jack, 5P			
	23365711	Jack, 1S6P			
PV10	23365711	Jack, 1S6P			
PV11	23365711	Jack, 1S6P			
PV21	23902649	Socket, 9P			
PV30		Socket, 15P			
PV31	23902655				
PV32	23367721	450			
PV33	23367724				
PV40	23365374	Jack, 1S3P			
PV51	23365712 Jack, 5P				
PV63	23164560 Plug, 6P				
PY01	23368130	Connector, 10P			
PY01A	23902213				
PY02	23368511				
PY02A	23902852				
PZ01	23368006	Connector, 8P			
PZ01A	23902064	Connector, 8P			
S601	23145356				
SA01	23145226	Switch, Push, 1C1P			
SA02	23145226	Switch, Push, 1C1P			
SA05	23145226	Switch, Push, 1C1P			
SA06	23145226	Switch, Push, 1C1P			
SA07	23145226	Switch, Push, 1C1P			
SA08	23145226	Switch, Push, 1C1P			
SA09	23145226				
SA10	23145226	- · · · · · · · · · · · · · · · · · · ·			
1	23145579	- · · · · · · · · · · · · · · · · · · ·			
SJ01	23344070	601 4600			
SJ010	23145682	6 to 1 1 to the 102B			
SJ02	23146933				
<b>△SR81</b>		- 1 0 TOODE144 FOW/			
<b></b> ∆T461A	23192900	ODT 40D			
<b></b> ∆∨901A	23902019				
<b>△V902A</b>	23902019	- · · ODT 10D			
<b></b> ∆903A	23902019	DOCKEL, UNIT 1975			
W661	2315123	2 Speaker, SPK-1235,			
1		160x160mm, 8 ohm			
W662	2315123	2 Speaker, SPK-1235,			
		160x160mm, 8 ohm			
X201	2325012	0 Coil, Delay-Line, TRF2133T			
X401	2315372	1 Ceramic Resonator, 503kHz,			
1		TCR1023			
1	2315396	1 Crystal, 3.58MHz			

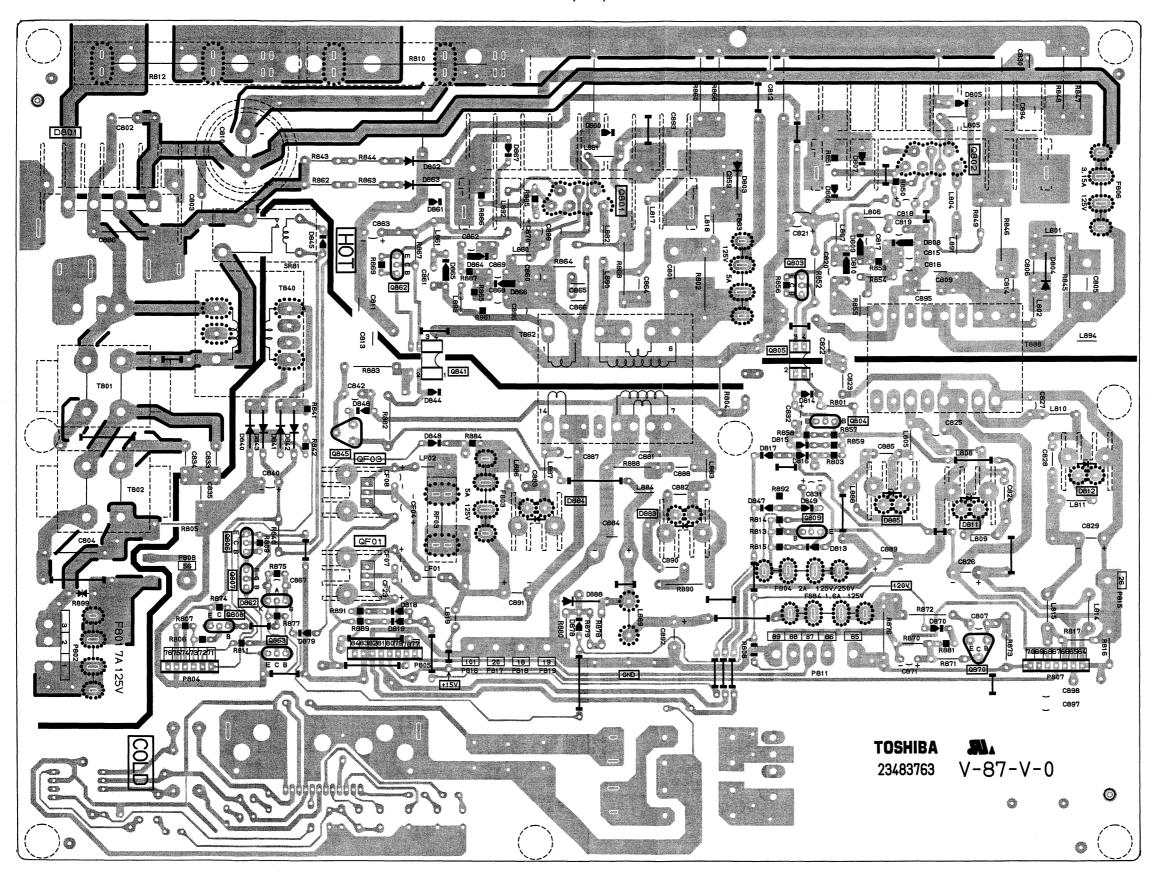
Location No.	Part No.	Description
XA01	23153325	Ceramic Resonator, TCR1056
XA02	23153860	Crystal, 32.768kHz
XB70		Crystal, 3.58MHz
		Filter, TEM1012T
XB71	23107712	Filter, TEM1012T
XB72	23107712	Filter, TEM1012T
XB73	23107712	Filter, TEM1012T
XB74		Ceramic Resonator, TCR1056
XM01 XY01	23153325 23153886	Ceramic Resonator, 503kHz,
10/00	23153961	TCR1012 Crystal, 3.58MHz
XY02	23250876	Coil, Delay Line, TRF2081
XZ01		Focus Pack, TPA6026
<b>∆Z410</b>	23110834	Focus Power Block, TPA6025A
Z470	23110835	Ceramic Resonator, 503kHz,
ZM03	23153721	TCR1023
ZY01	23107742	Filter, TEM1014
ZY05	23262674	Coil, IF, 17.5MHz, TRF1164D
ZY06	23262674	Coil, IF, 17.5MHz, TRF1164D
ZZ01	23107838	Ceramic Filter, 10.7MHz,
		TCF1034
DO DOADD	ASSEMBL	ES
L	23701482	CONVER-Control Board,
U021Z	23/01482	
<u> </u>		PB3366-1 CONVER-Out Board, PB3366-2
U022Z	23701501	CONVER-Out Board, F B3300 2
U401	23701477	Def/H.V. Board, PB3361
U801	23701480	Power Board, PB3364
U901	23701573	Main Board, PB3468
UM01	23701498	Closed Caption Board, PB3375
UX01	23701500	PIP Board, PB3377
1	23701574	S-CCD Board, PB3469
UZ01	23701575	Front-Control Board, PB3470-1
M031Z	-	Front-In Board, PB3470-2
M032Z	23701572	CRT Drive (Red) Board,
M041Z	23701502	PB3368-1
M042Z	23701503	CRT Drive (Green) Board, PB3368-2
M043Z	23701504	CRT Drive (Blue) Board, PB3368-3
M044Z	23701484	A/V Board, PB3368-4
PICTURE .	TI IRF	
1 -	23791382	Projection Tube Assembly, Red
∆ V901R		
<b></b> ∆∨902G	23791383	Green
<b>∆∨903B</b>	23791384	Projection Tube Assembly,
		Blue
TUNER		
<b>△</b> H001	23321042	Tuner, VHF/UHF, EL821L
ACCESSO	ORIES	
K912	23120261	Remote Hand Unit, CT-9670
1	23305211	_
AT01	2330521	• •
AT02		
AT03	23305213	L Emplish
l Y101	2356181	TP48C51/TP48C50
7 101		
Y101	2356192	5 Owner's Manual, English/French, PJ48C50
Y101		English/French, PJ48C50 8 TESC Sheet
	2356192 2399467 2314200	English/French, PJ48C50  8 TESC Sheet

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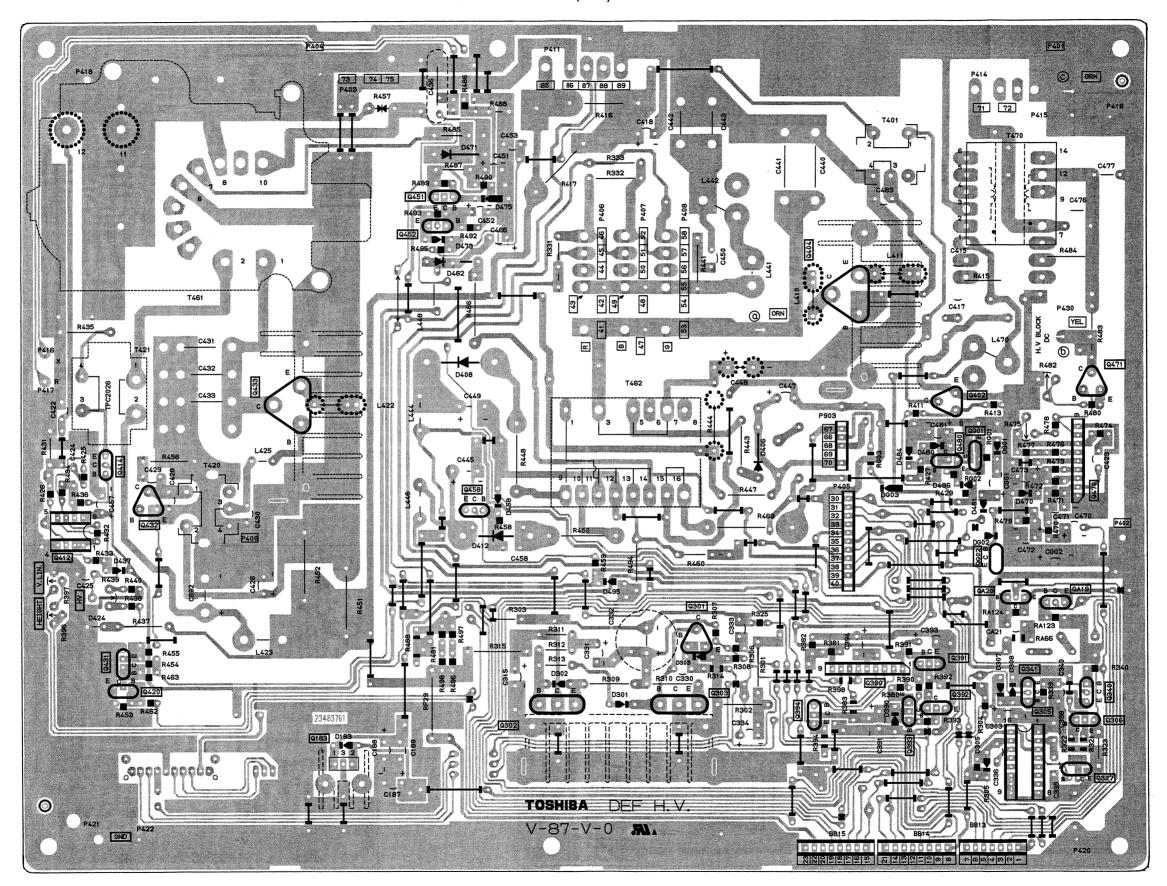
## MAIN BOARD PB3468



## POWER BOARD PB3364

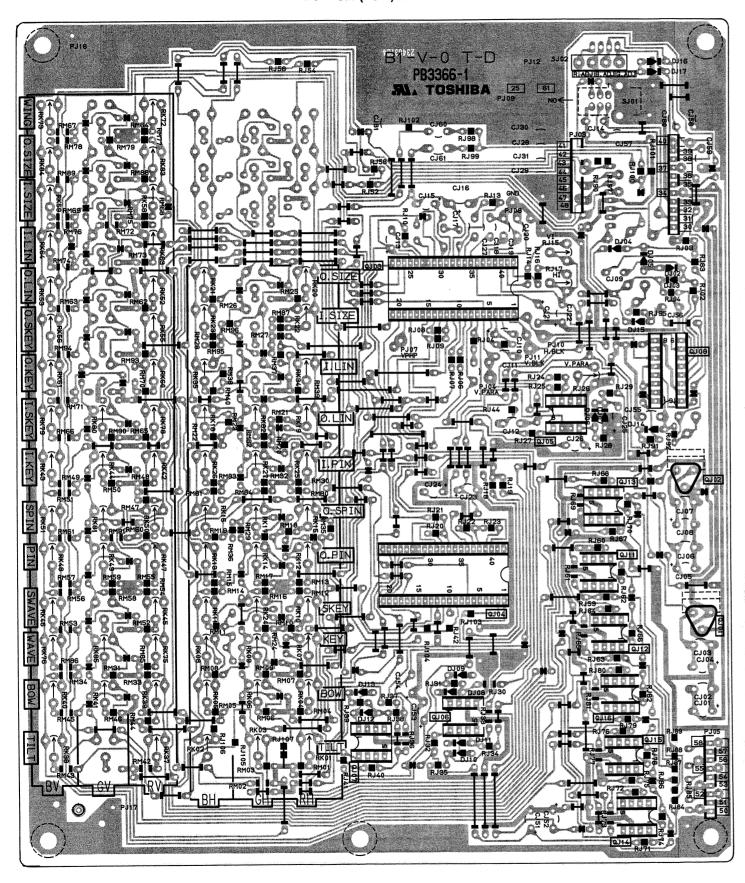


#### DEF/HV BOARD PB3361

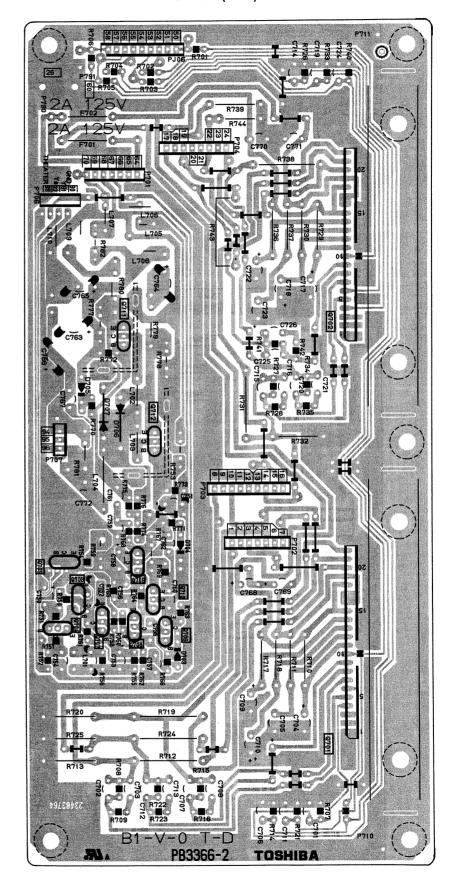


## CONVER CONTROL BOARD PB3366-1

BOTTOM (FOIL) SIDE

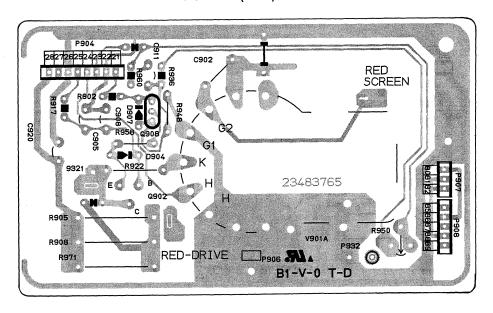


## CONVER OUT BOARD PB3366-2

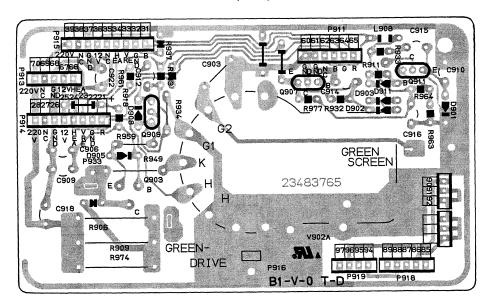


## **RED DRIVE BOARD PB3368-1**

BOTTOM (FOIL) SIDE

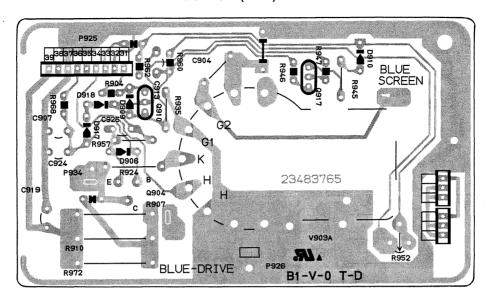


## **GREEN DRIVE BOARD PB3368-2**

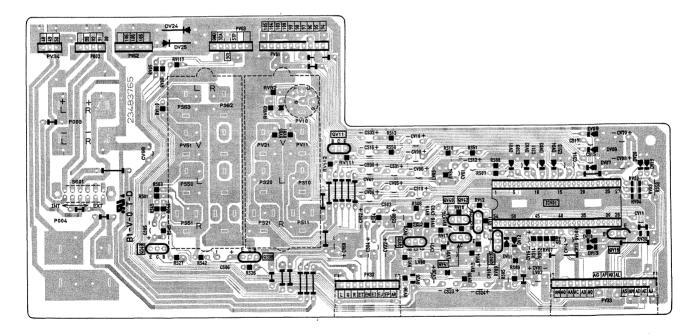


#### **BLUE DRIVE BOARD PB3368-3**

BOTTOM (FOIL) SIDE

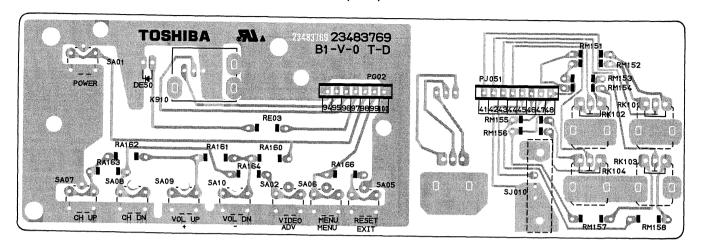


#### A/V BOARD PB3368-4



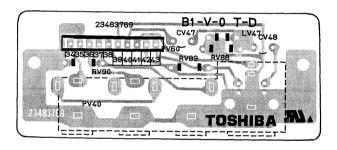
## FRONT CONTROL BOARD PB3470-1

BOTTOM (FOIL) SIDE

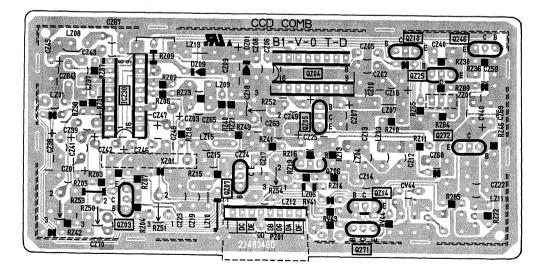


#### FRONT IN BOARD PB3470-2

BOTTOM (FOIL) SIDE

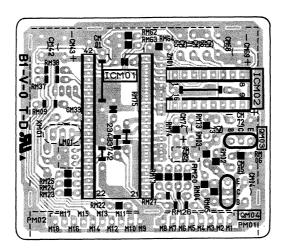


#### S-CCD BOARD PB3469

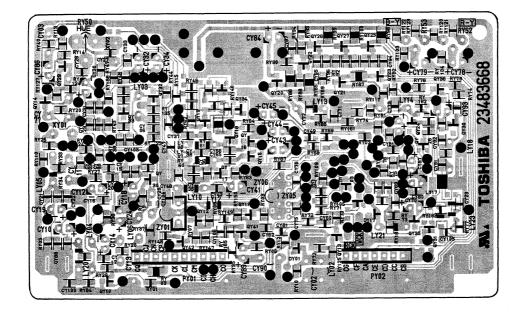


## **CLOSED CAPTION BOARD PB3375**

BOTTOM (FOIL) SIDE



#### PIP BOARD PB3377



#### IC BLOCK DIAGRAM

#### IC305 TC74HC123AP

#### IC390 IC470

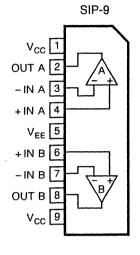
TA5558S

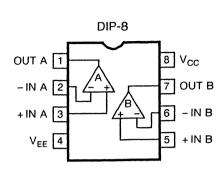
IC412 TA75458P

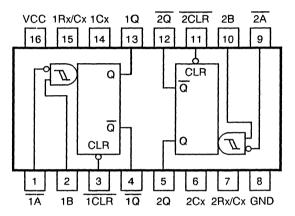
**FUNCTION TABLE** 

INPUTS			OUT	PUTS
CLEAR	Ā	В	Q	la
L H H:	X H X	X X L	L L	H H H
H + 1	- Ly-	H	744	74

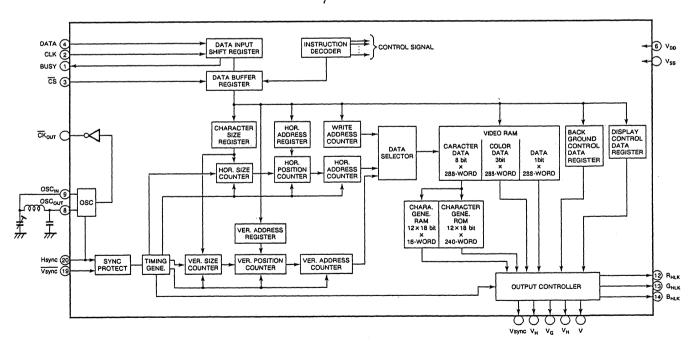
X: DON'T CARE

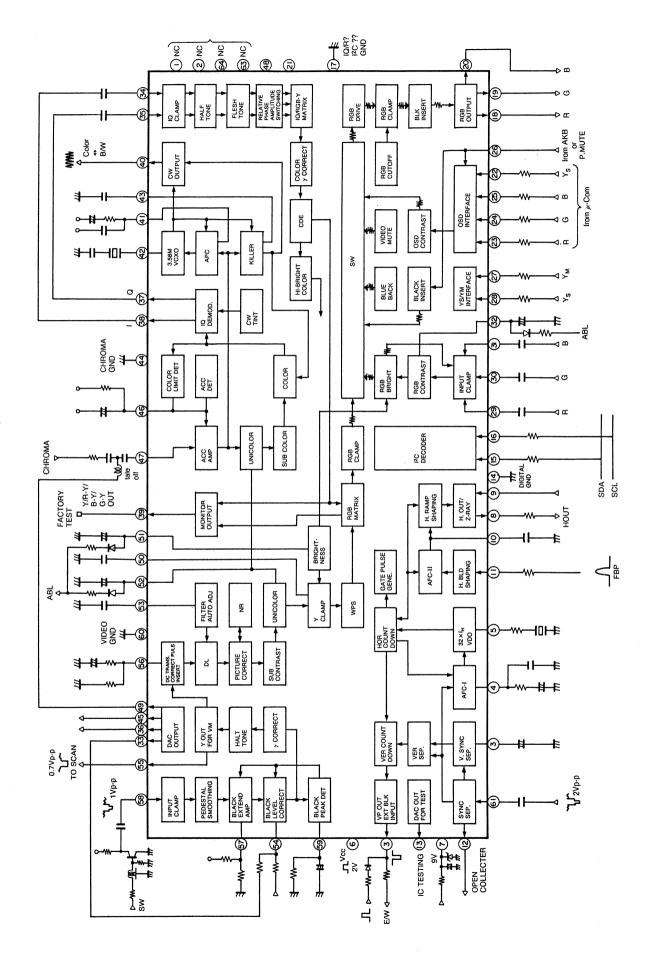




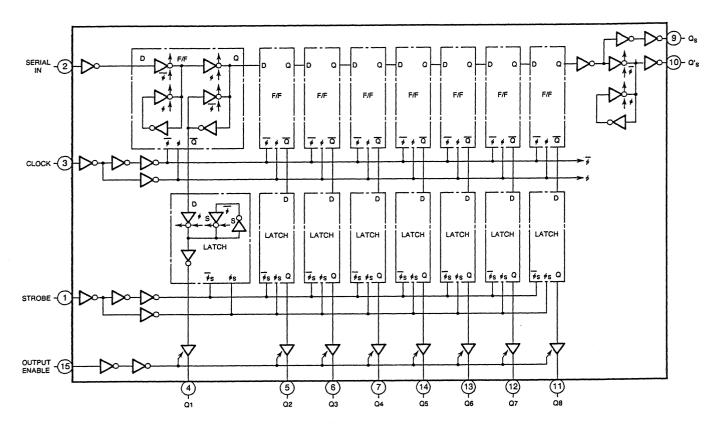


## ICA03 $\mu$ PD6453CY

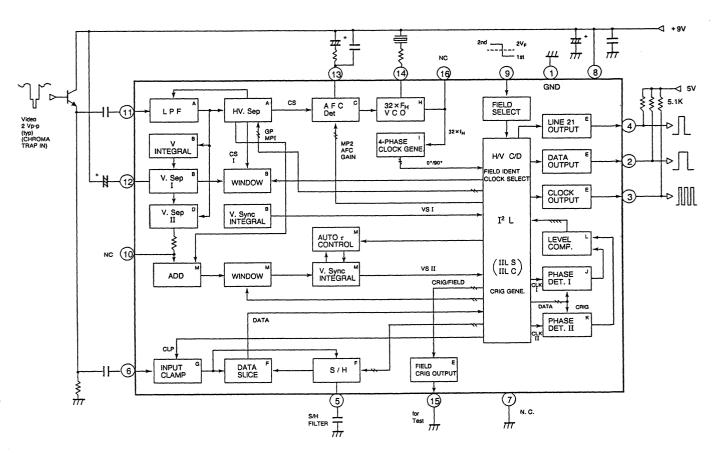




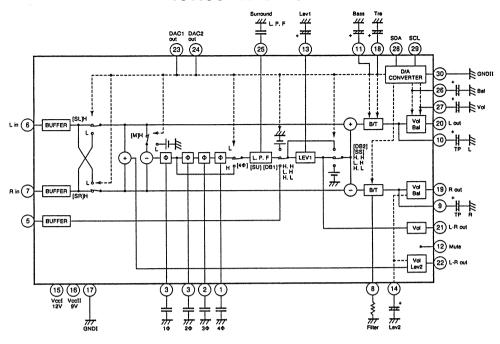
#### ICA05 TC74HC4094AP



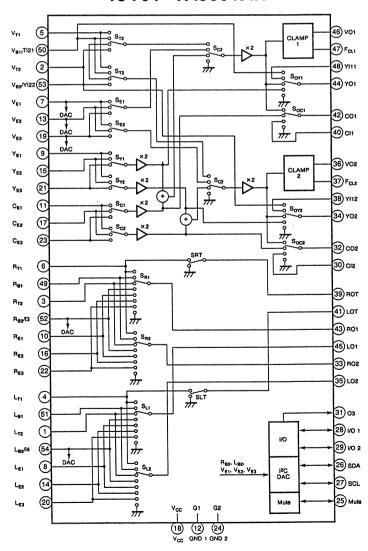
#### ICM02 TA8862P



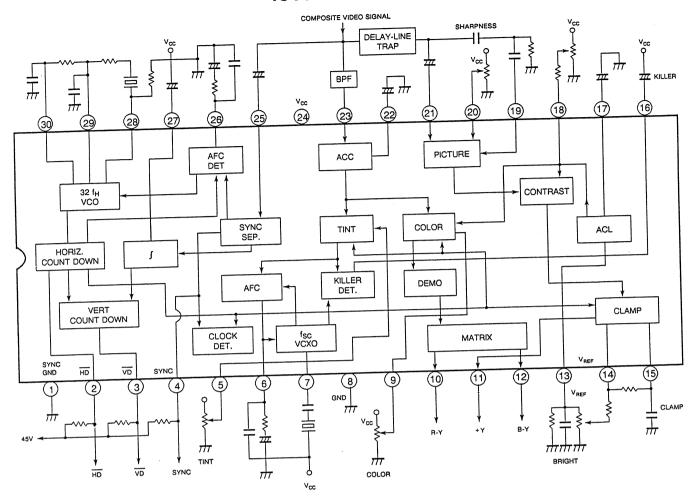
#### **ICN06 TA8776N**



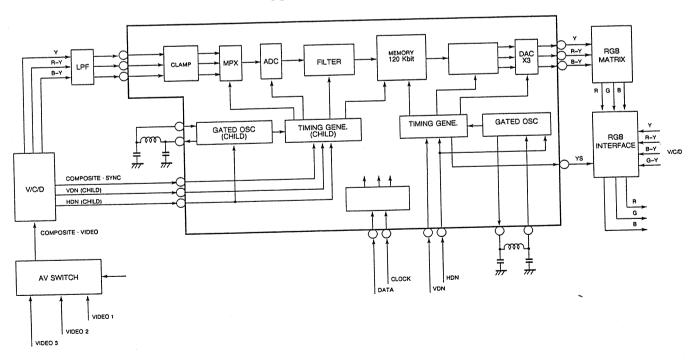
#### **ICV01 TA8851AN**



## ICY01 TA8779F

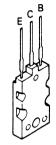


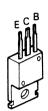
## ICY03 TC9067F



#### TERMINAL VIEW OF TRANSISTORS

- ① 2SD1427
- ② 28B595 2SB834 2SD1052A 2SC1569 2SC2383 2SC2553 2SD525 2SD880
- ③ 2SA949 2SA1020 2SC752GTM 2SC2230A 2SC2229 2SC2482 2SC2655
- 2SA562TM
   2SA1015
   2SA817
   2SC1815
   2SC1959
   2SC2878
   2SC388ATM
- ⑤ 2SA1026







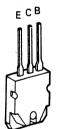




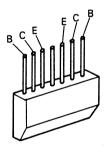
- ⑤ 2SD1092 2SD1294
- RN1001 RN1003 RN1004 RN2005 RN1201 RN1202 RN1203 RN1204

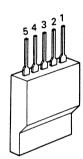
7

- 9 D1005T









MEMO	
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### SERVICE DATA FILE NO. 053-638 SUPPLEMENT

# **TOSHIBA**

PROJECTION TELEVISION

## TP48C50:TP48C51:PJ48C50

(TAC9390)

(TAC9390)

(TAC9390)

This supplement covers the corrections of the errata in the original service data (File No. 050-638).

Page	From	То
15	Error of the Part Numbers of the Service kits.	
	R : KIT SERVICE (R) 23305477	R : KIT SERVICE (R) 23305447
	G : KIT SERVICE (G)	G : KIT SERVICE (G)
	B : KIT SERVICE (B) ———————————————————————————————————	B : KIT SERVICE (B) ———————————————————————————————————
16	Error of the CAUTION label.	
	CAUTION: RED SEALED SCREWS ARE NOT FOR CRT ADJUSTMENT	Attention Serviceman  The Hex Head Bolts with Springs, (see sketch) used on CRT assembly, are "NOT"  Adjustment Screws DO NOT LOOSEN - FLUID LEAKAGE WILL OCCUR.

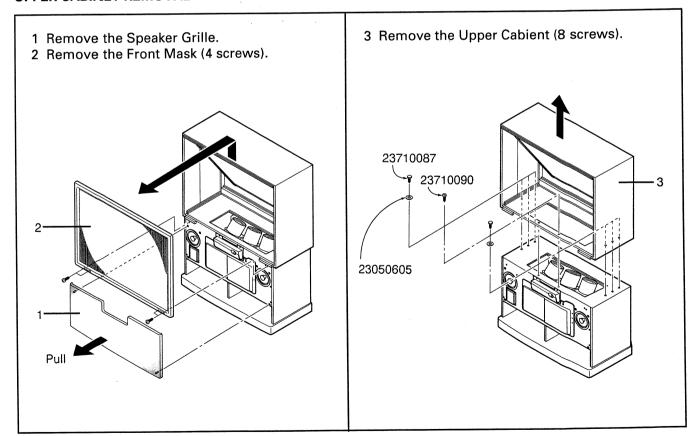
## **TOSHIBA**

PROJECTION TELEVISION

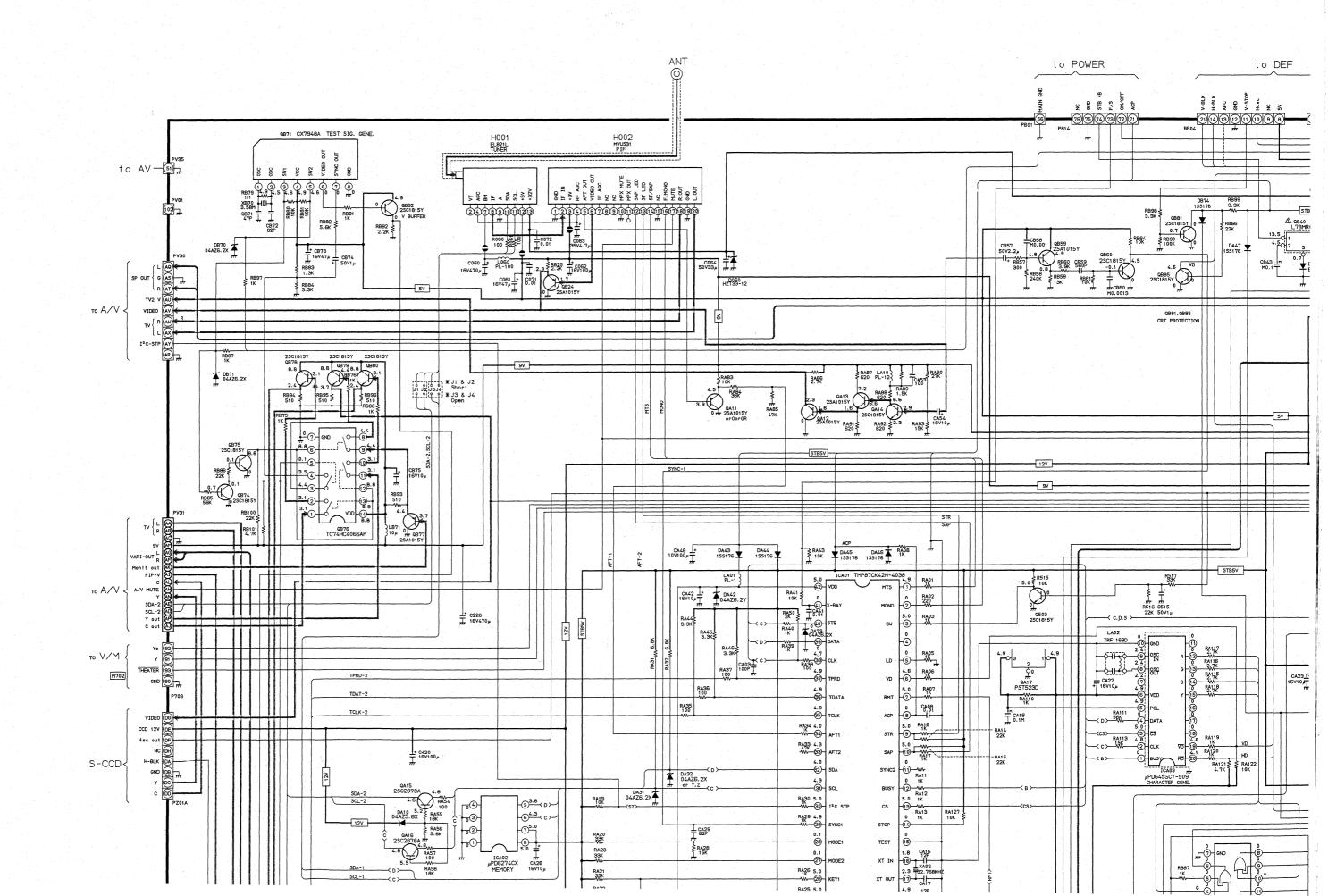
TP48C50, TP48C51, PJ48C50 TP48C70, TP48C71 TP48C90, PJ48C90 TP55C80, TP55C81, PJ55C80

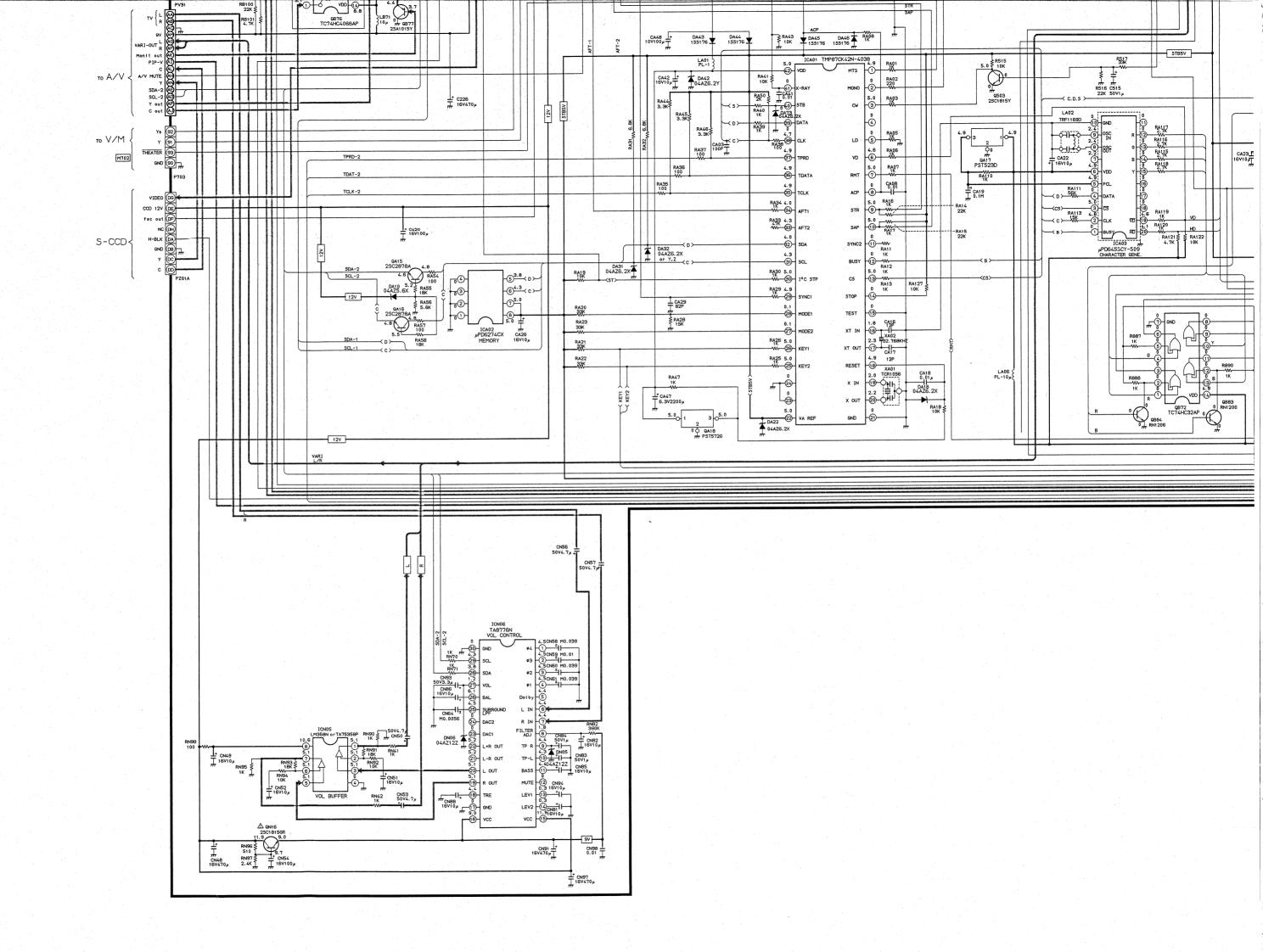
This supplement covers the additional information for the "MECHANICAL DISASSEMBLY" section.

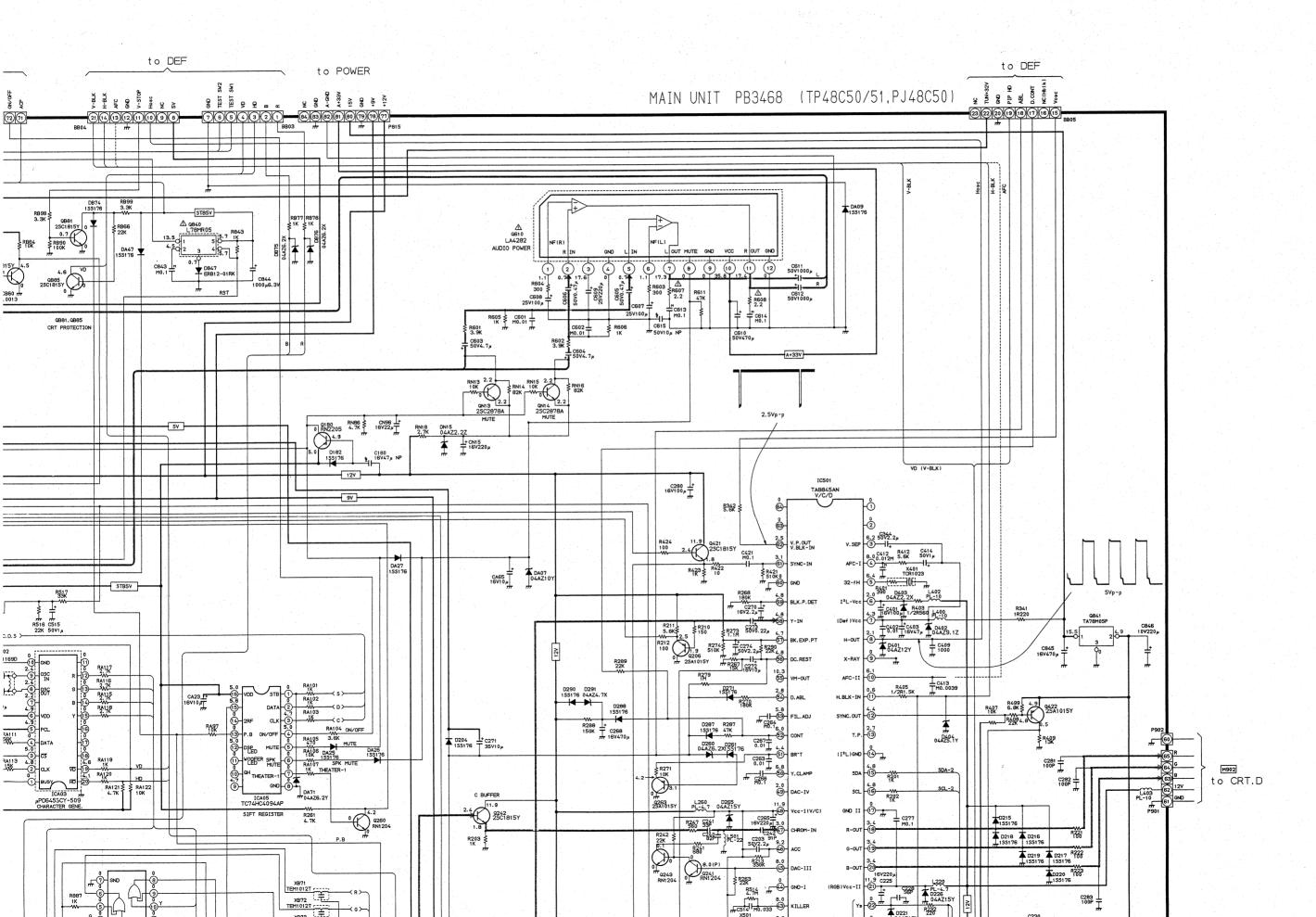
#### **UPPER CABINET REMOVAL**

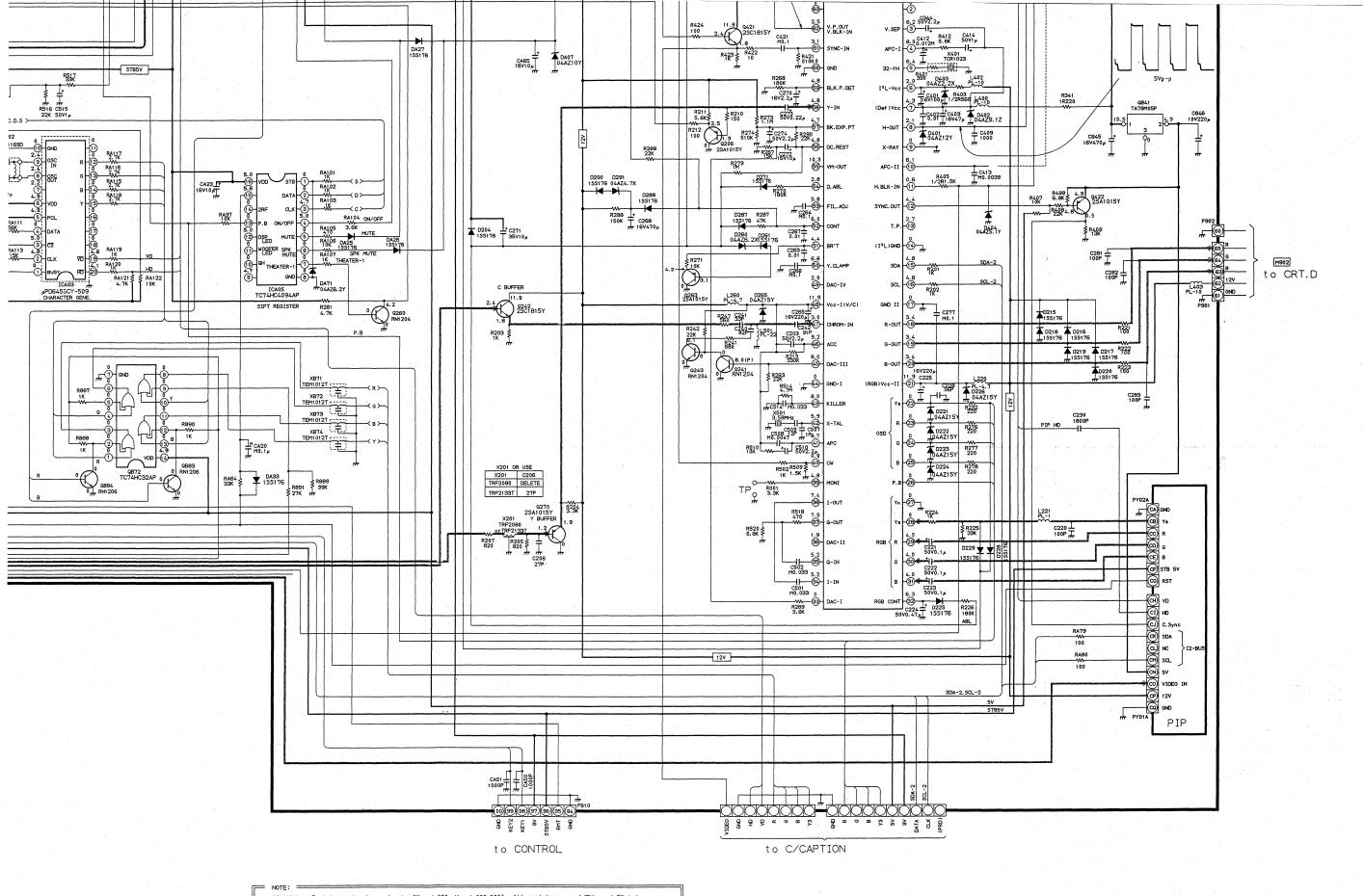


The illustration represents TP48C90.









NOTE:

1. RESISTOR

Resistance is shown in ohm [K = 1,000, M = 1,000,000]. All resistors are 1/6W and 5% tolerance carbon resistor, unless otherwise noted as the following marks.

1/2R: Metal or Metal oxide of 1/2 watt 1/2S: Solid of 1/2 watt 1RF: Fuse resistor of 1 watt 1R: Metal oxide of 1 watt

K = ±10% G = ±2% F = ±1%

2. CAPACITOR

Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in µF, and the values more than 1 in pF.

All capacitors are ceramic 50V, unless otherwise noted as the following marks.

The lectrollitic capacitor

The Mylar capacitor

3. The parts indicated with \( \triangle \triangle \) have special characteristics should be replaced with identical parts only.

4. This schematic diagram is the latest the time of copying, so it must be changet in accordance with all informed modification notices.

## **SCHEMATIC DIAGRAM**

**MODELS:** 

TP48C50 Chassis No. TAC9390

**TP48C51** Chassis No. TAC9390

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 2 OF THIS MANUAL.

CAUTION: The international hazard symbols in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 2. Do not degrade the safety of the receiver through improper servicing.

NOTE:

Resistance is shown in ohm [K = 1.000, M = 1.000.000]. All resistors 1. RESISTOR

resistor, unless otherwise noted as the following marks.

1/2R = Metal or Metal oxide of 1/2 watt 1RF = Fuse resistor of 1 watt 10W = Cement of 1

 $K = \pm 10\%$   $G = \pm 2\%$   $F = \pm 1\%$ 

2. CAPACITOR Unless otherwise noted in schematic, all capacitor values less than 1 more than 1 in pF.

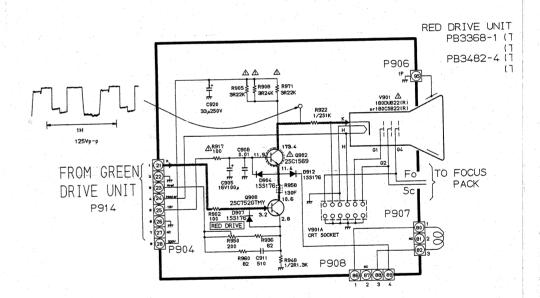
All capacitors are ceramic 50V, unless otherwise noted as the follo

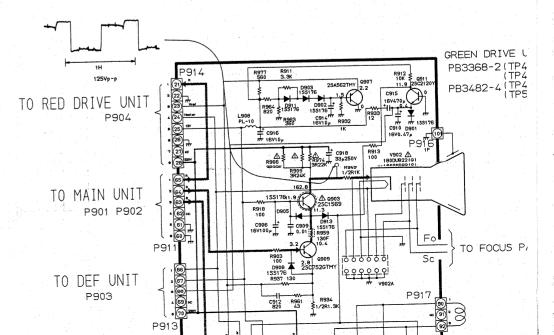
All capacitors are ceramic 50V, unless otherwise noted as the follo

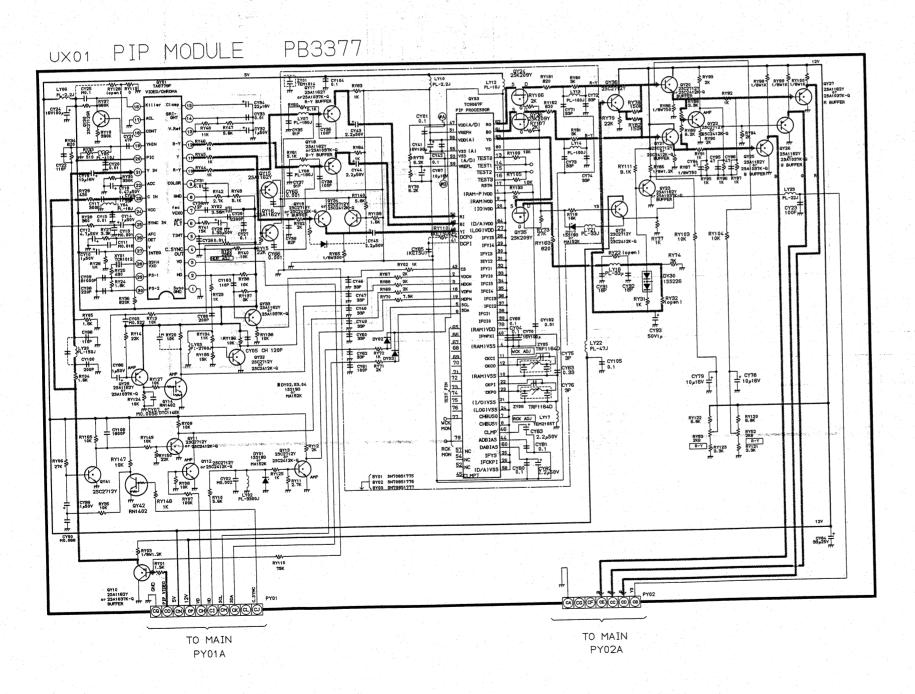
Blectolytic capacitor

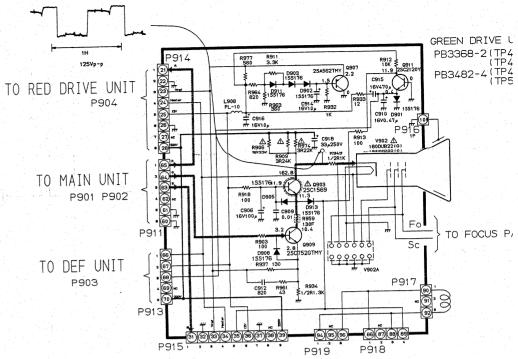
Wylar capacitor

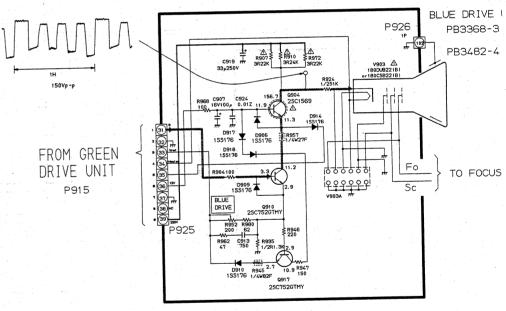
3. The parts indicated with " A " have special characteristics, and should be replaced."











C50 Chassis No. TAC9390 C51 Chassis No. TAC9390

[K = 1.000, M = 1.000.000]. All resistors are 1/6W and 5% tolerance carbon oted as the following marks.

of 1/2 watt

1/2S = Carbon compsistion of 1/2 watt 10W = Cement of 10 watt

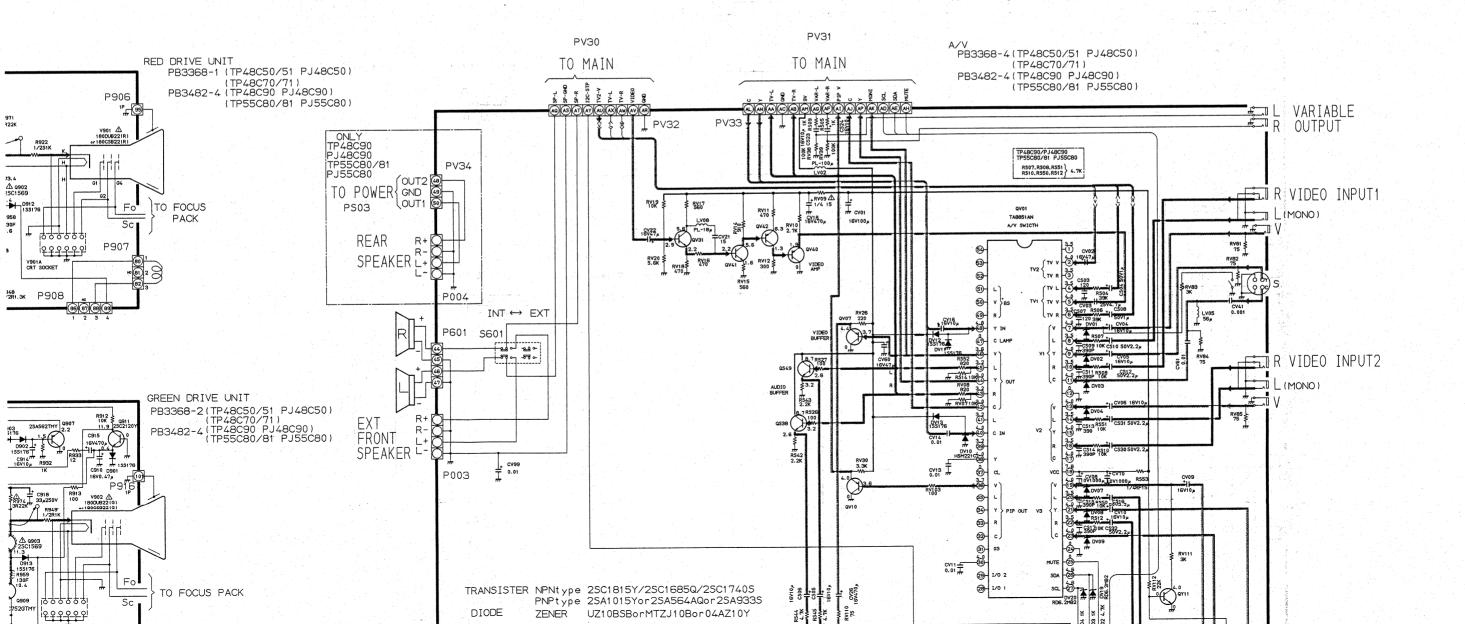
 $= \pm 1\%$ 

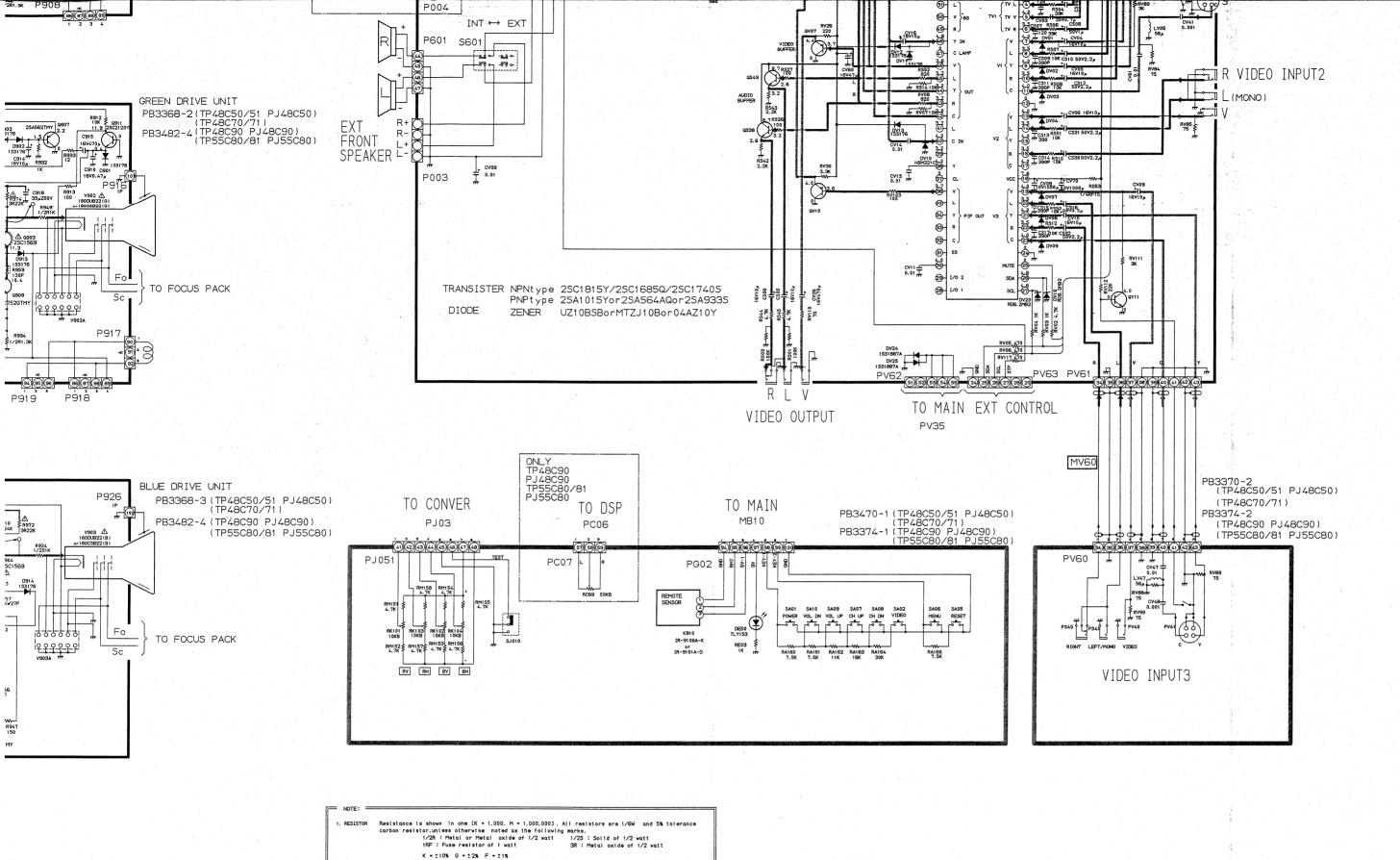
hematic, all capacitor values less than 1 are expressed in  $\mu$ F, and the values

0V, unless otherwise noted as the following marks. tor Mylar capacitor

ecial characteristics, and should be replaced with identical parts only.

- 4. Voltages read with DIGITAL MULTI-METER from point indicated to chassis ground, using a color bar signal with all controls at normal, line voltage 120 volts.
- 5. Waveforms are taken receiving color bar signal with enough sensitivity.
  6. Voltage reading shown are nominal values and may vary ±20% except H.V.





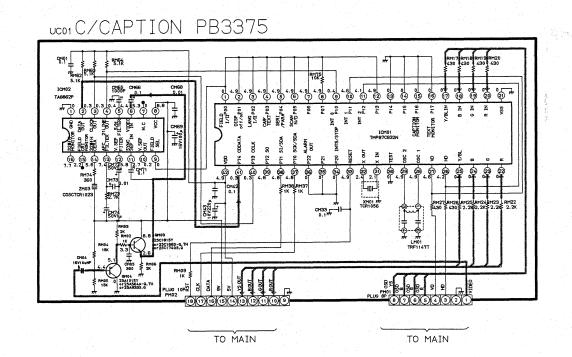
Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in p.F. and the values more than 1 in p.F.

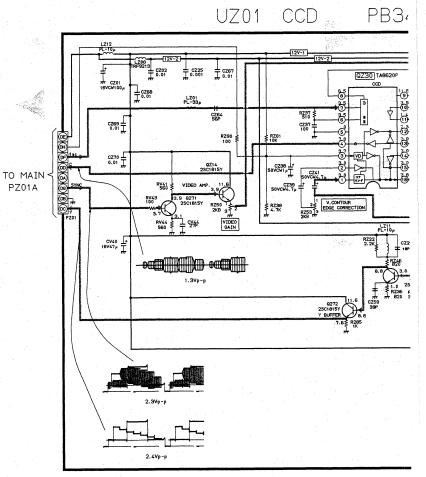
All capacitors are ceramic 50V, unless otherwise noted as the following marks.

The Electrolitic capacitor

Indicated with "A" have special characteristics should be replaced with identical parts only.

TP48C51 Chassis No. TAC9390





Resistance is shown in ohm (K = 1,000, M = 1,000,000). All resistors are 1/6W and 5% tolerance carbon resistor, unless otherwise noted as the following marks.

1/2R: Hetal or Metal oxide of 1/2 watt

1/2S: Solid of 1/2 watt

1/2R: Fluse resistor of 1 watt

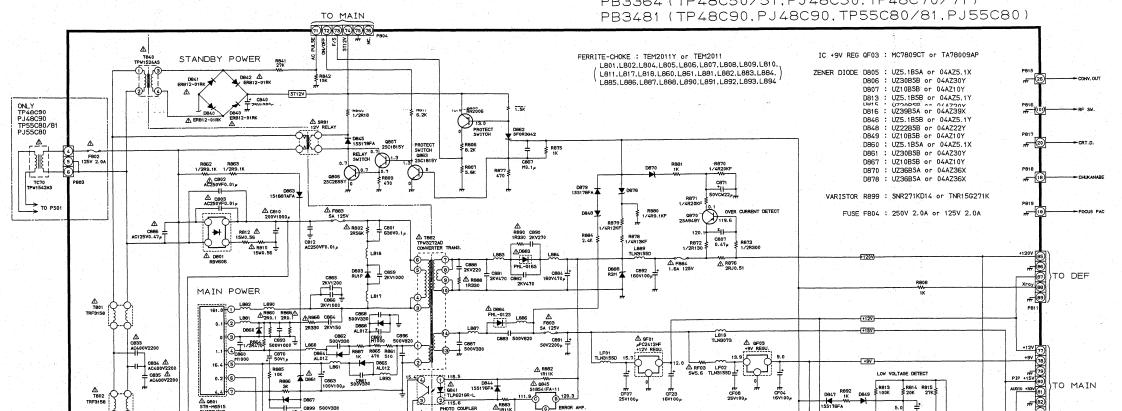
1/2D: Cement of 10 watts K = ±10% G = ±2% F = ±1%

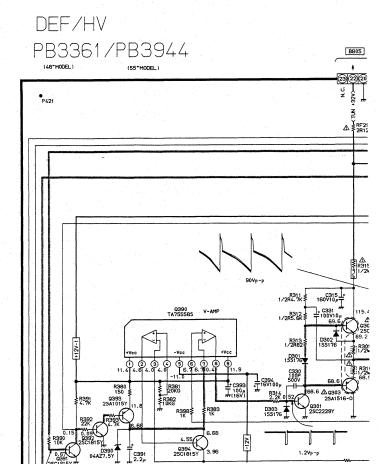
Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in  $\mu F$ , and the values more than 1 in pF. All capacitors are ceramic 50V, unless otherwise noted as the following marks.

\*IF Electrolitic capacitor # Mylar capacitor
3. The parts indicated with \*\textstyle \textstyle have special characteristics should be replaced with identical parts only.

The grounding ( \_\_ mark) in the achem diagram is separated from the other circuit ground ( \_\_\_\_mark) to prevent possible shock hazard.

POWER UNIT PB3364 (TP48C50/51,PJ48C50,TP48C70/71)





Resistance is shown in ohm (K = 1,000, M = 1,000,000]. All resistors are 1/5W and 5% tolerance carbon resistor, unless otherwise noted as the following marks.

1/2R: Hatal or Metal oxide of 1/2 watt 1/2S: Solid of 1/2 watt 1RF: Fuse resistor of 1 watt 10W: Cement of 10 watts K = ±10% G = ±2% F = ±1%

Unless otherwise noted in schematic.all capacitor values less than 1 are expressed in pF, and the values more than 1 in pF.
All capacitors are ceramic 50V, unless otherwise noted as the following marks.

The Electrolitic capacitor the Myler capacitor 3. The parts indicated with 'A' have special characteristics should be replaced with identical parts only.

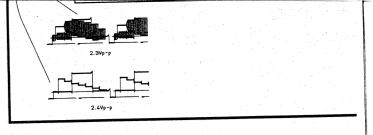
<u>\_</u>\_

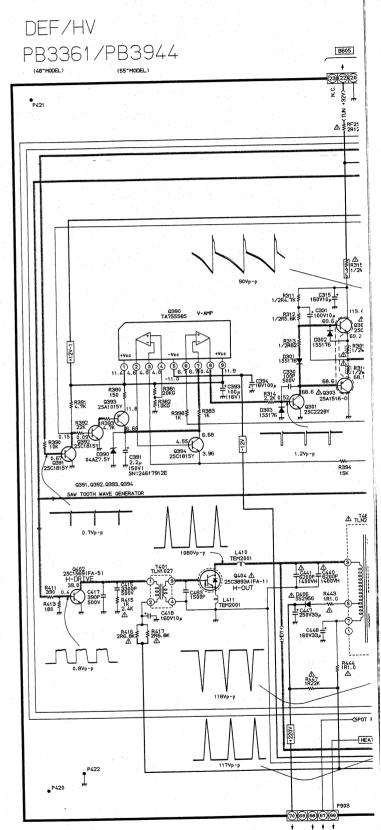
TC70 TPW1542AS

000

The grounding ( = mark) in the schematic diagram is separated from the other circuit ground ( # mark) to prevent possible shock hazard.

POWER UNIT PB3364 (TP48C50/51,PJ48C50,TP48C70/71) PB3481 (TP48C90, PJ48C90, TP55C80/81, PJ55C80) TO MAIN 7) (72) (73) (74) (75) (76) IC +9V REG QF03 : MC7809CT or TA78009AP FERRITE-CHOKE: TEM2011Y or TEM2011 L801,L802,L804,L805,L806,L807,L808,L809,L810, (L811,L817,L818,L806,L861,L881,L882,L883,L884, L885,L886,L887,L888,L890,L891,L892,L893,L894, ZENER DIODE D805 : UZ5.18SA or 04AZ5.1X
D806 : UZ50BSB or 04AZ30Y
D807 : UZ10BSB or 04AZ10Y
D813 : UZ5.18SB or 04AZ5.1Y
LBM 6 : UZ59BSA or 04AZ5.1Y
D846 : UZ5.18SB or 04AZ5.1Y
D848 : UZ10BSB or 04AZ5.1Y
D849 : UZ10BSB or 04AZ10Y
D849 : UZ10BSB or 04AZ10Y
D849 : UZ10BSB or 04AZ10Y STANDBY POWER ₹R842 15K D816 : UZ39BSA or 04AZ39X D846 : UZ5.1BSB or 04AZ5.1Y D848 : UZ22BSB or 04AZ22Y D849 : UZ20BSB or 04AZ10Y D860 : UZ5.1BSA or 04AZ5.1X D861 : UZ30BSB or 04AZ30Y D867 : UZ30BSB or 04AZ30Y D870 : UZ36BSA or 04AZ36X D870 : UZ36BSA or 04AZ36X ONLY TP48C90 PJ48C90 TP55C80/81 PJ55C80 6.2K (3) 13.0 25C1815'
RELAY 0.7 1.3
SWITCH 1.3
R809
470 DATA : UZ36BSA or 04AZ36X ↑ C802 AC250VF0.01µ VARISTOR R899 : SNR271KD14 or TNR15G271K △ C803 AC250VF0.01, FUSE F804 : 250V 2.0A or 125V 2.0A R812 A 15W0.56 C807 0.47 △ D801 RBV606 TO DEF MAIN POWER C866 500V330 D866 AL012 C869 AL012 A 473 A 6F83 -87 REEU 9.0 +12V 77 +9V 78 PIP +15V 60 ALDIO +35W 61 #F 62 #F 63 NC. 84 P805 LOW VOLTAGE DETECT TO MAIN R813 . +33V-2 CONV. +33V 64 C897 1 65 500V620 0.15 #7 68 CONV. -33V 67 +15V 67 -15V 68 -120V 70 +33V-1 L814 TLN31550 TO CONV. R843 R844 1/2R9.1K 1/2R9.11 REAR AMP △ QC70 LA4282 SUB POWER 0.1 L815 TLN3155D 0076 50V CC77 = RC76 R859 \$4.9K 32.0 ERROR 12KG 9804 20.2 23C1815Y 15.3 ↑ R852 1R470 0.2 2SCI815Y 3.9K CC73 RC71 RC70 0.01 F 1K \$ 820 ₹ RC72 100K 50V47p+ [#-COLD HOT



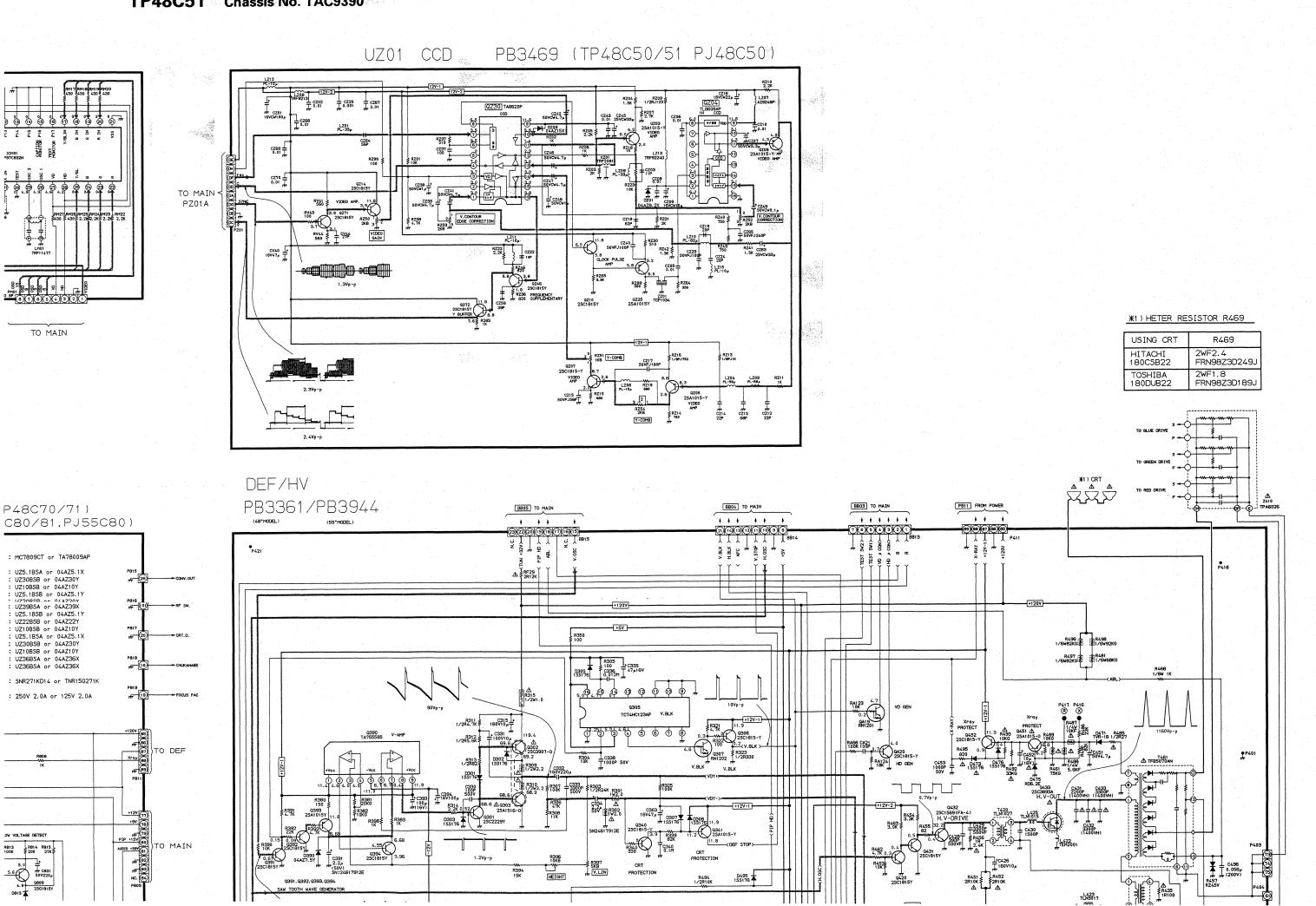


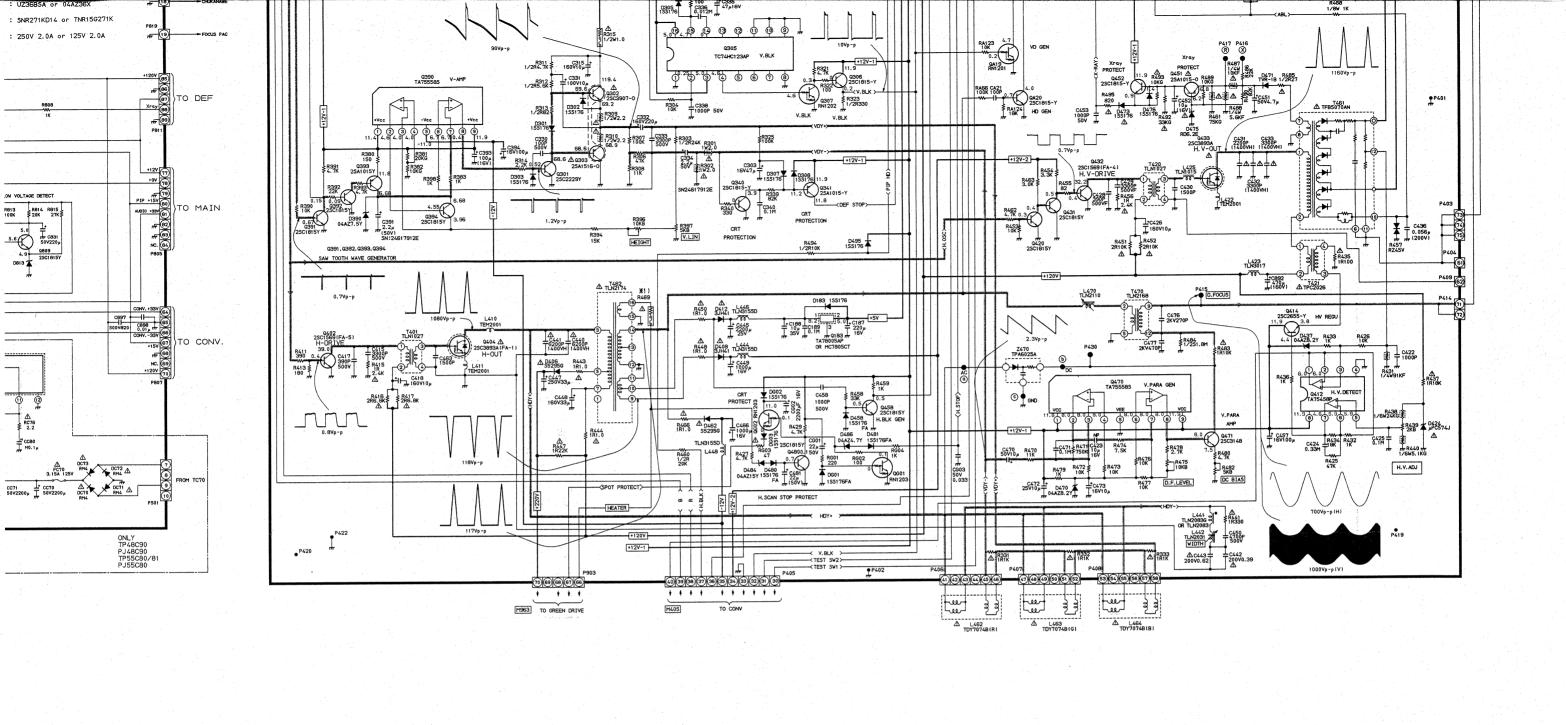
M963 TO GREEN DRIVE

ONLY TP48C90 PJ48C90 TP55C80/81 PJ55C80

TO A/V

TO MAIN





TP48C50 Chassis No. TAC9390

TP48C51 Chassis No. TAC9390

